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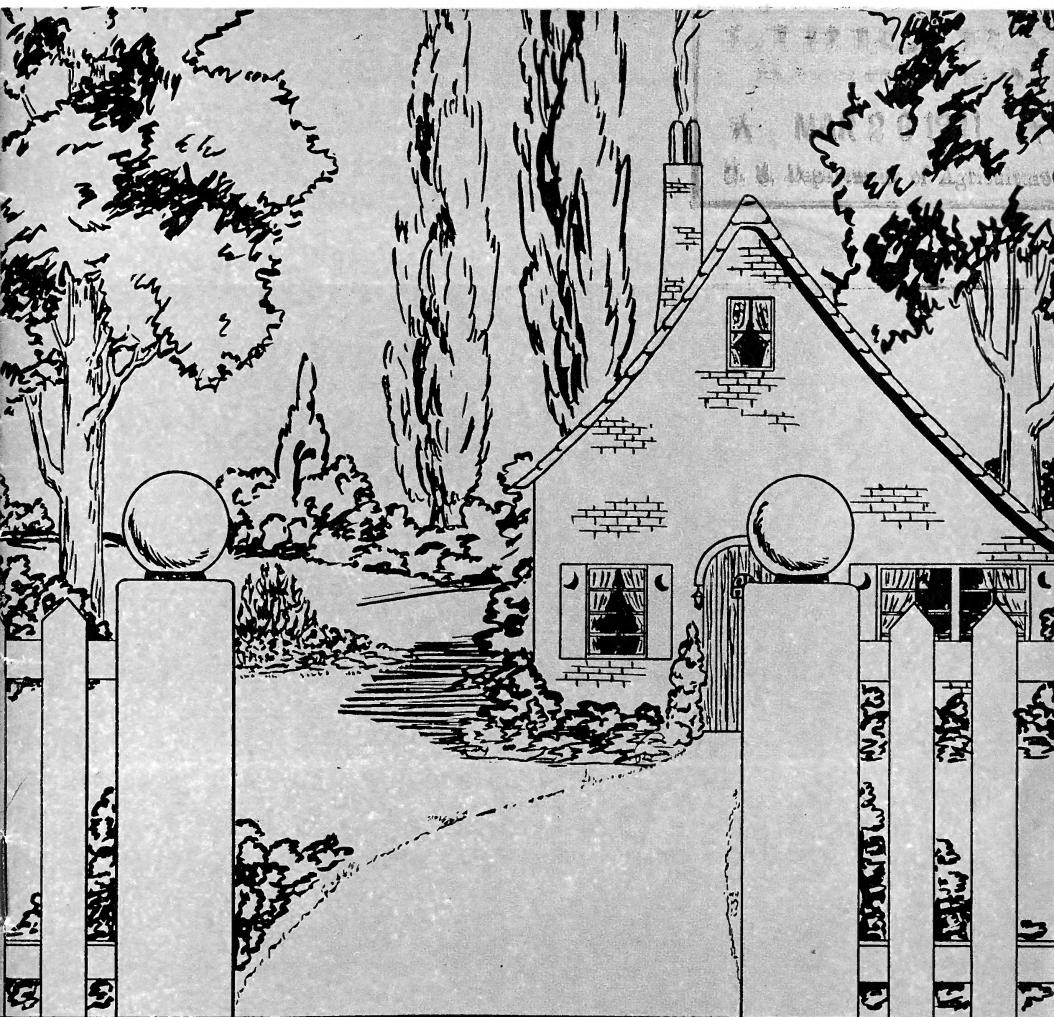
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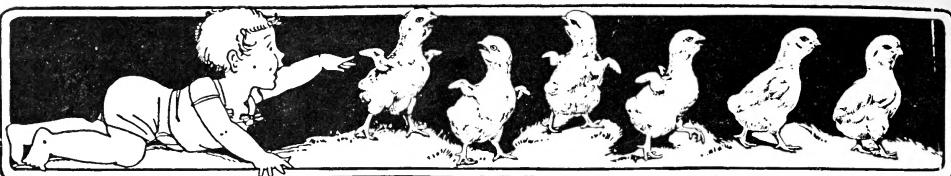
AMERICAN

NEW ... NOVEL ... UNUSUAL

SEEDS and PLANTS



AMERICAN SEED & PLANT CO.
Quincy, Illinois



American Quality Baby Chicks

We have a connection with one of the outstanding hatcheries of the Middle West with whom we have dealt for many years and we know that every statement in regard to culling and testing is carried out to the letter. A special inspector surveys every flock, handles every bird, examining them for egg production according to the approved system and B. W. D. Antigen blood test each and every one. These inspectors remove and take away with them, every fowl not standing this examination or passing the blood test so there is no danger of them again getting back into the flocks. Years of this sort of flock culling and careful breeding has built up and made possible the wonderful quality of our chicks.

\$1,000 CASH PRIZES

We have qualified with the American Poultry Journal, Chicago, Illinois, whereby purchasers of our baby chicks are entitled to enter their special contest in which they are distributing \$1000 cash in prizes. Why not try for some of this money?

QUALITY PAYS

It is not what we say nor the price that you pay but the eggs your hens lay next fall and winter that determines whether they pay. **AMERICAN CHICKS DO PAY.** The secret of extra profit lies mostly in having birds that will lay large eggs and plenty of them in the fall and winter when egg prices are high. It is only after years of careful culling and building up of the flocks that our hatchery is in a position to assure big, fluffy chicks with real quality bred into them. Our own experience teaches us there is no substitute for quality.

PRAISE AMERICAN CHICKS

One year we received an order for baby chicks from Yukon, Pa. The chicks were so fine and did so well that before the season was over, we filled six separate orders from that one Post Office. The quality of our chicks is outstanding and is our best advertisement.

"The chicks we received from you last spring are very satisfactory. They are just beginning to lay."

—Lillian Hutter, Ohio.

Mrs. John Motyka, Wisconsin, saw the baby chicks ordered by her neighbor and immediately sent in her order as she was well pleased with the quality.

"I want to tell you my chicks are doing wonderful. I haven't lost any and they are such nice big ones and we have a lot of pullets from the 200 we bought from you."

—Mrs. James Post, New York.

"I ordered White Minorca chicks from you May 10. They are growing fine; have only lost one chick so far."

—Mrs. Karl Stohr, Mich.

ORDER EARLY—DELIVERED AT ANY TIME DESIRED

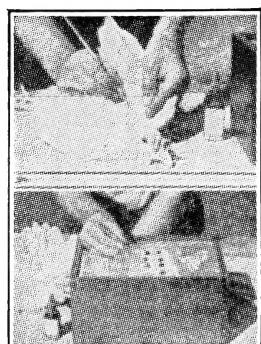
100% Live Delivery Guaranteed

BREED	25	50	100	300	500
S. C. White Leghorns.....	\$2.25	\$ 4.00	\$ 7.00	\$20.50	\$34.00
Buff or Brown Leghorns.....					
S. C. R. I. Reds.....	2.50	4.25	7.50	22.00	36.50
Buff, Barred and Wh. Rocks.....					
White Wyandottes.....					
Anconas.....	2.75	4.50	8.00	23.50	40.00
White and Buff Minorcas.....					
Buff and Wh. Orpingtons.....					
Blue Andalusians.....					
Black Australorps.....					
White and Buff Australorps.....					
Brahmas.....					
White and Black Giants.....					
S. S. Hamburgs.....	3.50	6.50	12.00	36.00	60.00
New Hampshire Reds.....					
Partridge Rocks.....					
Columbian Rocks.....					
Speckled Sussex.....					
S. L. Wyandottes.....					
Columbian Wyandottes.....					
Dark Cornish.....					
White Langshans.....	4.25	8.00	15.00	45.00	75.00
Black Orpingtons.....					
W. F. Black Spanish.....					
Buttercups.....					
Red Leghorns.....	5.50	10.50	20.00	60.00	100.00
S. C. or R. C. Bl. Minorcas.....					
Buff Wyandottes.....					

Postage paid to all points between Denver, Colo., and Pittsburgh, Pa. East of Pittsburgh and West of Denver, add 1/2c per chick to cover extra cost of delivery.

TERMS—Cash with order, or, if you prefer, send 1c per chick cash with order and we will send C.O.D. for the balance. These prices are really very low considering present conditions, and we are sure we will not be able to take care of all orders unless you send in promptly and as far in advance as possible.

As extra health protection with AMERICAN CHICKS, every bird in breeding flocks has been blood tested by the Stained Antigen Method for B.W.D. (Pullorum Disease). Any bird showing reaction to this test is immediately removed. Here, you see how blood testing work is carried out. They first puncture the vein that is easily seen under the wing.



A drop of blood from this vein is then transferred to a testing cabinet where any trace of B.W.D. is at once apparent.

American Seed & Plant Co.

4th and Hampshire Streets

Quincy, Illinois

NAME

Please Write Very Plainly

POST OFFICE

R. F. D.

STREET.

BOX No.

COUNTY—

STATE

GUARANTEE

We guarantee all plants and seeds to arrive in first class condition true to name. We will replace, free of charge, any stock not true to name, or damaged in transit.

PLEASE

If you get more than one copy of this catalog, please pass it on to your neighbor. They will appreciate it and thank you for the favor.

REMITTANCE — Send money order, cash, or stamps for small amounts. If personal check is sent, add 5 cents, as our bank now makes collection charges.

It takes only a small plot of ground to produce \$1,000 worth of Ginseng root.



With each order for Ginseng or Golden Seal, we send full instructions for planting, care while growing; also, instructions for digging and curing the roots and preparing them for the market. With these instructions, we include the names and addresses of six business concerns who are in the market for these roots at all times.

GINSENG

The Ginseng root is not used by the medical profession in the United States, and the entire output is sold to China. The Chinese people believe that by drinking tea made from ginseng roots it prolongs life. E. J. deFigueiredo, of Hong Kong, stated that approximately 200,000 pounds were exported from America annually to China. Ginseng is also grown in Canada, and withstands quite severe weather. Ginseng should be planted only in the fall. You should order at once for fall shipment of seed. 36 packets will plant one square rod.

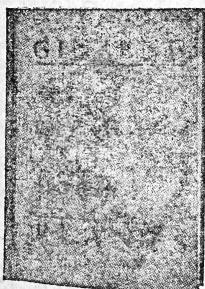
Pkt. 25c—5 Pkts. \$1.00—12 Pkts. \$2.00
36 Pkts. \$5.00—80 Pkts. \$10.00, Postpaid

GOLDEN SEAL

If you want to get started in the growing of medical plants, be sure to plant some Golden Seal. Golden Seal Roots are used in the United States and the demand for them is quite constant.

Pkt. 25c—5 Pkts. \$1.00—12 Pkts. \$2.00
36 Pkts. \$5.00—80 Pkts. \$10.00, Postpaid

GINSENG BOOK



Here is the book you want! Experts tell you just how to grow Ginseng and Golden Seal. This is the book all Ginseng and Golden Seal growers need. Most assuredly the beginner needs it. It has 367 pages, 100 illustrations—and is strongly bound in cloth. Gives you complete information from the time you plant the seed until the roots are ready for market.

Price, \$1.85, Postpaid

Some People Make Big Money Growing Medical Plants

There is a rather constant market for the roots of quite a number of plants. Perhaps the two best known are Ginseng and Golden Seal. The demand and the trade in the roots of these plants are such that the Globe Democrat of St. Louis, Missouri, quotes daily prices, for these roots. At the time this is written (December 25, 1940) good, large ginseng roots are quoted at \$5.25 per pound; Golden Seal at \$4 to \$5 per pound. These plants grow in many parts of the United States, and in many places, Ginseng grows wild. The attractive prices for these roots has caused trappers and hunters to dig up many of them in their natural growth, and in some places, is reducing the output materially.

HONG KONG CONCERN PLACES ORDER FOR \$7,000 GINSENG

An order for 1,150 pounds of Ginseng was placed with the St. Louis firm of Eugene Donzelot & Son, 209 North Second Street, for export to China. With the price ranging from \$6.00 to \$7.50 a pound, the order amounted to approximately \$7,000.

Most St. Louisans are probably unaware that St. Louis exports Ginseng to China—or for that matter even that there is such a product. Its use was explained by E. J. deFigueiredo, managing director of the importing firm of Hughes & Hough, Limited, Hong Kong, who visited the city to purchase Ginseng for his firm.

Said to Prolong Life

Ginseng, he explained, is the root of a shrub which the Chinese believe has medicinal properties. It is used by the Chinese to make a tea which, according to their belief, prolongs life.

It is gathered by trappers, and in some instances is cultivated in this country.

Approximately 200,000 pounds are exported from America annually to China, deFigueiredo said. The only other countries which produce it are Canada and Korea.

—The above article was clipped from the St. Louis Globe-Democrat some time ago when the price of Ginseng was higher than it is today. The demand for Medicinal Roots is such that this same paper quotes price on Ginseng and Golden Seal on the market page each day.

HERE'S ANOTHER

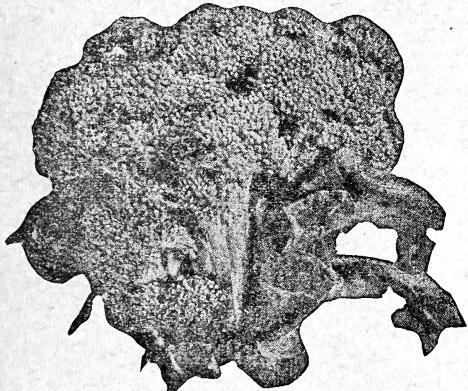
Read the following news items clipped from a Wisconsin daily paper: "Wausau, Wis., May 21st (Special)—Perhaps by far the most valuable load of produce of the soil that ever crossed the streets of Wausau, was seen a few days ago, drawn by one horse. The load consisted of eighteen inconspicuous barrels and no one would have surmised its value had it not been that J. H. Koehler was seen watching it with eagle eye. Upon inquiry it was found that the barrels contained 1843½ pounds of Ginseng, which had been sold for \$8,000.00, and was now being started on its journey to China. The crop was grown on one-half acre of ground near Wausau."



EARLY SPROUTING BROCCOLI

Italian Early Sprouting Calabrese Broccoli

A delicious variety which resembles cauliflower, but is of much more delicate flavor, having the combined flavor of cauliflower and asparagus. It is grown about the same as cabbage. Simply sow the seed in the open ground in the spring and transplant the



plants when large enough. The heads or sprouts when ready to use are deep green. After the central head is removed, the plant produces numerous branch heads which are fully as desirable as the first heads produced. A continuous supply may be had for a long time from a few plants. While the sprouting type of Broccoli is of recent introduction, it is rapidly gaining in favor, and is a very profitable crop which finds ready sale at good prices in city markets. We have taken pains to secure seed of the very best strain. Pkt. 10c—3 Pkts. 25c, Postpaid

CELERY ASPARAGUS

Or Ivory White
Sea Kale

Celery Asparagus or Ivory White Sea Kale is a delicious perennial vegetable which is cultivated somewhat like asparagus, and is very easily grown. It is ready for use earlier in the spring than asparagus, and combines the flavor of asparagus with that of celery. Its blanched stalks are cooked like asparagus and the leaves are used as greens. Owing to its extraordinary merit, it is worthy of general cultivation.

Pkt. 10c—3 Pkts. 25c,
Postpaid



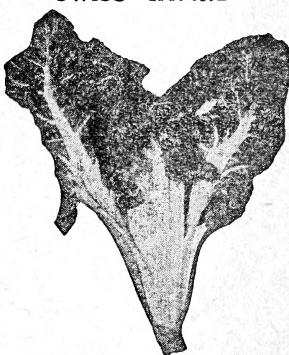
KOHL-RABI

Early White Vienna Kohl-Rabi
(Turnip Rooted Cabbage)

The Kohl-Rabi belongs to the Cabbage family. It does not make a head, but the stalk forms a turnip-shaped swelling just above the surface of the earth. These balls when the size of an egg make a very excellent vegetable. May be cooked either like cauliflower or turnip, resembling cauliflower in flavor. They are in season during June, July or August, or at periods when turnips are not good, and succeed in dry weather when turnips are fibrous and hot. For a continuous supply sow every two weeks up to the middle of July. **EARLY WHITE VIENNA** is the best variety of Kohl-Rabi; very select, extra-early strain; ready for the table in 60 days from seed. Flesh firm, but cooks very tender; sweet and delicious. No garden complete without it.

Pkt. 10c—3 Pkts. 25c, Postpaid

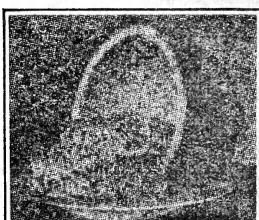
SWISS CHARD



GIANT LUCULLUS—Grown extensively for its large, juicy tender leaves and leaf stalks. The leaves grow to a length of 2 to 2½ feet, and the stalks are nearly as thick and broad as rhubarb and never get tough. By picking off the large outside leaves, as wanted, more leaves continue to grow and keep right on growing until killed by severe frost in the fall. The whole leaf can be used for greens, or the leaf stalks can be cooked like asparagus. Also extensively used as green food for poultry.

Pkt. 10c—3 Pkts. 25c, Postpaid

VEGETABLE SPAGHETTI **New Vegetable from Persia, Spaghetti** **on a Vine in Nature's Own Package**



This delicious new vegetable from Persia thrives in all climates and in any ordinary garden soil. Each plant produces from six to ten beautiful bright yellow, oblong fruits about 8 to 10 inches long. Each fruit is filled with a delicious spaghetti-like pulp. When fully ripe, the whole fruit (without cutting or peeling) should be cooked 20 minutes in boiling water; then cut it in half. A dishful of this delicious vegetable spaghetti comes out of each fruit. Season with salt, pepper and butter and serve hot. Can also be served hot with catsup or tomato sauce or served cold, as a salad, with mayonnaise or French dressing. This remarkable vegetable is one of the most valuable and useful of recent introductions, and should be grown in every garden.

Pkt. 10c—3 Pkts. 25c, Postpaid

KENTUCKY WONDER BEAN

This Bean is one of the finest green pole beans that has ever been placed on the market. The pods are nine to ten inches long and so well filled and thick fleshed that they are nearly round. It is entirely stringless, cooks tender, and is deliciously flavored. Kentucky Wonder Beans are a real everbearer, and if the pods are picked off as they ripen, it will continue to bear right through the season until killed by the fall frosts. It will bear a fine crop without being poled, but when poles or brush are used, it is much easier to harvest.

Pkt. 10c—3 Pkts. 25c, Postpaid



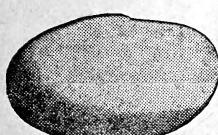
GIGANTIC "GUINEA" BEAN

The New Guinea Butter Vine is a wonderful vegetable; extensively advertised as the Gigantic Guinea "Bean". Grows to enormous size, one fruit often weighs 15 pounds, and is from four to five feet long. Delicious eating and of fine flavor. Will grow anywhere.

Pkt. 10c—3 Pkts. 25c



GIANT AZTEC BEAN



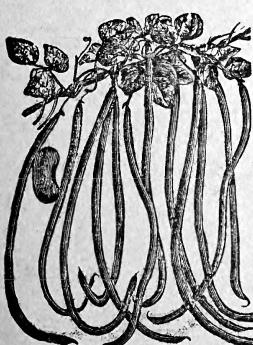
The Giant Aztec is a real bean; looks like a field or navy bean except that it is 8 times as large, 18 or 20

Giant Aztec beans usually weigh an ounce, while it takes from 160 to 170 of the common field beans to weigh an ounce. It is

a bush bean; will stand more drought than most varieties—very hardy—and probably the most productive bean grown. The quality of the Giant Aztec Bean is unexcelled both as a green and dry shell bean.

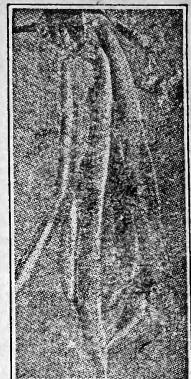
Pkt. 10c.—3 Pkts. 25c.

YARD LONG BEAN



This is an excellent variety, as well as being an interesting curiosity. The vines are rampant growers and produce an enormous crop of long, slender round pods which are of excellent quality for snap beans. The round pods grow from 2 to 4 feet in length, having the thickness of a lead pencil. Tender and of fine flavor.

Pkt. 10c—3 Pkts. 25c



THE CHESTNUT BEAN

This wonderful Bean looks like a gigantic pea. When boiled, it has a flavor like boiled chestnuts; one of the most delicious beans grown. Grows in the form of a tall bush and is completely covered with pods. For soup and turkey stuffing it cannot be surpassed. It is a Spanish Bean, and is known as the "Garbanzo". We have but a limited amount of seed to offer, so can supply same in packets only. Pkt. 10c—3 Pkts. 25c, Postpaid

GIGANTIC TASMANIA BEAN

The Gigantic Tasmania Bean will astonish you with its size, and win you with its genuine goodness. The flesh is very tender and of delightful piquant flavor. This bean grows to an enormous size, single fruits weighing as much as 18 pounds. It should be eaten when about 6 pounds in weight if you want it at its best. It is easy to grow and is almost entirely free from disease and insects. Wonderfully prolific, much easier to grow than a squash, and is very productive. It may be grown on a trellis similar to pole beans. It can be prepared for the table in many ways, and when either fried, baked or boiled, it is most delicious in flavor.

Pkt. 10c—3 Pkts. 25c, Postpaid

COFFEE—One Cent per Pound

Grow your own coffee at an expense of less than one cent per pound. The Domestic Coffee Berry makes a delicious, nourishing drink, to take the place of injurious coffee. It is a pure

food drink that gives health and strength to young and old. The best coffee substitute ever discovered, and thousands pronounce it as good or better than the best coffee. It has the rich, deep brown color of old Java. One of the easiest grown and most productive of all plants. It is an early variety of soy beans; can be successfully grown in any climate, and is sure to ripen even in the extreme North. As easily grown as corn or beans, and does well on all soils. Thousands suffer untold injury from store coffee. Better grow some of the domestic Coffee Berry this year and save your health and money. Prepared like any other Coffee. Full directions with every packet.



Pkt. 10c—3 Pkts. 25c, Postpaid

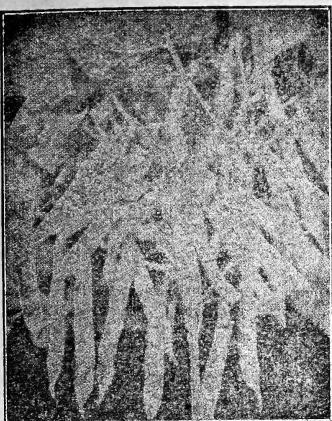
BEETS

DETROIT DARK RED—The leading main crop variety. Roots may be used early in the season when only part grown. Flesh is fine grained, tender, sweet. Retains its best quality and freedom from woodiness until beets attain their full size. Splendid for canning.

Pkt. 10c—3 Pkts. 25c, Postpaid

IMPROVED GOLDEN WAX BEAN

Undoubtedly one of the best wax beans for the home garden. Rust-proof, an improvement of the old style Golden Wax. Pod is semi-round, yellow, of good quality, and it has no string. Ready for picking 47 days from planting. **Pkt. 10c—7 oz. 20c—14 oz. 35c, Postpaid**

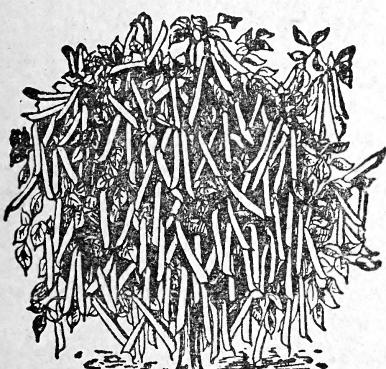


Golden Wax

HOPI INDIAN BEAN

This Bean has been grown by the Hopi Indians of Northern Arizona from prehistoric times under strictly dry farm conditions and crude farm practices. In trying these out, we find them to be a very fine eating bean. A small crop was grown in 1933 and the growers claim that they produced more heavily than any bean we have. They are semi-vining, long rooted, drought-resistant beans, and should be placed in rows 30 or 40 inches apart. They require the full Summer season and should be harvested before frost. They have the true large lima flavor and the Indians claim they are strongly anti-acid, in this being very much different from the usual Navy and Pinto beans, and can be eaten with benefit by the people who cannot digest most beans. The great productivity of this bean under general climate conditions should make it very popular with gardeners and we suggest that you try out a supply this year.

**Pkt. 10c—3 Pkts. 25c—7 oz. 30c—14 oz. 50c,
Postpaid**



1,200 to One Bean—A Gigantic Wonder. Over 200 pods have been grown on a single plant—all well filled, producing over 1,200 beans from one bean. Strong, erect plants, bearing pods well up from the ground. Order now as supply is limited.

Pkt. 10c—3 Pkts. 25c, Postpaid

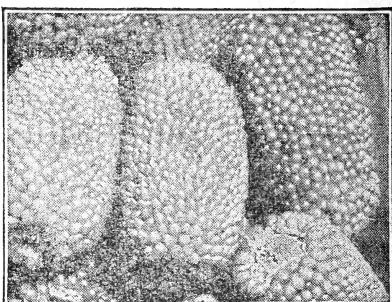
BUSH LIMA BEANS

BURPEE'S IMPROVED BUSH—The largest of all Bush Limas, bearing pods almost equal in size to those of the large Pole Limas. Pods 5 to 6 inches long by 1-1/4 inches wide, and the full size beans are of luscious flavor. **Pkt. 10c—7 oz. 25c—14 oz. 45c, Postpaid**

POLE LIMA BEANS

KING OF THE GARDEN—A vigorous grower, requiring but two vines to each pole. Begins flowering early, at the bottom of the pole, producing a continuous bloom and fruitage throughout the season. Pods are large and beans are of excellent quality, well-formed and mammoth in size. **Pkt. 10c—7 oz. 25c—14 oz. 45c, Postpaid**

POP CORN



AUSTRALIAN HULLLESS—Also known to some sections as Japanese Rice, Tom Thumb, or Bumble Bee. A heavy yielder of attractive little short ears, nearly as thick as long. Its crowning merit is its popping quality, fine flavor and absence of hull or shell. **Pkt. 10c—7 oz. 25c, Postpaid**

BLACK BEAUTY—Ripens earlier than any other variety, yet the ears are large in size and the yield is as heavy as that of any of the later sorts. Pops large and is the finest flavored variety of Pop Corn. Although the kernels are black, they show up nice and white when popped. **Pkt. 10c—7 oz. 25c, Postpaid**



Special Bred Disease-Free Seed Pop Corn

Extra large, smooth grains. Some of them as large as one-inch in diameter after popping. Pops with a loud bang. The minute it starts to pop, it sounds like a battle. Rich, cream-colored grains. Tender and delicious. **Pkt. 10c, Postpaid**
Big 7 oz. package (enough to raise all the seed you need for next year) **25c, Postpaid. 3 lbs. \$1.00, Prepaid**

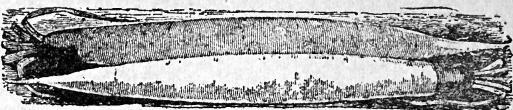
RED POP CORN

Here is a novelty pop corn that will please both you and the children. The ears are medium size and give quite a heavy yield over many other varieties of pop corn. The kernels are bright red but they show nice and big and white when popped with the finest flavor imaginable. **Pkt. 10c—7 oz. 25c—3 lbs. \$1.00, Postpaid**



Lightning Express

SALSIFY—Or Vegetable Oyster



The Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of really good vegetables is so limited. It has a grassy top and a long, white, tapering root, nearly resembling a small parsnip. It closely assimilates to the taste and flavor of the oyster, when properly cooked, and is a good substitute for it; very wholesome and nutritious. The roots are either boiled and mashed or made into fritters, in which form they are delicious. The roots are perfectly hardy, and may remain out all winter, but should be dug early in the spring, as they deteriorate rapidly after growth commences. Store a quantity for winter use in a pit or cellar in damp earth or sand. This variety is large and strong growing with long, smooth, white, tapering roots, and is less liable to branch out than the other sorts. It is invaluable for market gardeners' use.

Pkt. 10c—3 Pkts. 25c, Postpaid

Lightning Express Cabbage

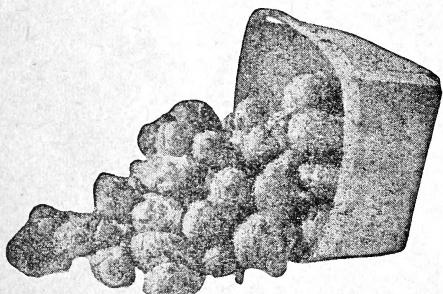
The Earliest Cabbage in Cultivation

Our Lightning Express is ready for use in 65 to 70 days from sowing—ten days earlier than Jersey Wakefield. Good fair trials of varieties offered by other seed houses as "the earliest grown" have proved that they are from four to ten days later than our Lightning Express.

LIGHTNING EXPRESS is positively the earliest cabbage in cultivation. The heads are pointed, of good size, a little smaller than Jersey Wakefield, always sure to head, solid and firm, and always in demand on the market, bringing high prices on account of their extreme earliness. Very hardy, permitting earliest planting. There are but few outer leaves, and plants may therefore be set closely together. As many as 14,000 heads can be grown on one acre of ground, and will bring a larger profit per acre than later and heavier varieties.

Pkt. 10c—3 Pkts. 25c, Postpaid

BRUSSELS SPROUTS



Improved Half-Dwarf Brussels Sprouts is a variety of the Cabbage family, possessing the peculiarity of bearing upon its stem or stalk from 50 to 100 small, compact round heads, each measuring from 1 to 2 inches in diameter. These heads are cut off when formed and are usually marketed in quart berry boxes. The plants are very hardy, are not injured but improved by hard frosts, and are left in the garden or field during the early winter until wanted. May be had in fine condition until about Christmas time in the North, and in the South may be had from November to March. These miniature Cabbages may be boiled like Cabbage or cooked in cream like cauliflower. They are the most delicious and delicately flavored of the Cabbage family.

Pkt. 10c—3 Pkts. 25c, Postpaid

MAMMOTH RED ROCK

By far the best, largest and hardest heading red cabbage in cultivation; very uniform in size, weight, solidity and deep red color. The heads grow to weigh ten or twelve pounds.

Pkt. 10c—3 Pkts. 25c, Postpaid

PREMIUM LATE FLAT DUTCH

This variety of late cabbage is standard in all sections for winter use. It makes a large solid head, which keeps long without bursting, and is adapted to a more varied climate than probably any other variety.

Pkt. 10c—3 Pkts. 25c, Postpaid

COPENHAGEN MARKET

One of the finest early round-headed cabbages in cultivation. It is desirable on account of the remarkable characteristics of maturing the heads all at the same time, enabling the grower to gather his crop with less expense and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid with small core. The quality is extra fine and sweet. It is a short-stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer-shaped and tightly folded, making it possible to set them close together in the field.

Pkt. 10c—3 Pkts. 25c, Postpaid

JUMBO CABBAGE

The largest cabbage grown; 20 to 30 pounds each. Heads flat, rounded at top; very solid; sure to head; excellent keeper. The quality, for slicing, for kraut and for general table use is unsurpassed. Pkt. 10c—3 Pkts. 25c

EARLY DWARF FLAT DUTCH

It is a large cropper and a dependable header. Short stemmed variety. Belongs to the second earliest. Matures in about 110 days. Grows compact and upright. Leaves few and short. Flat, round, solid heads, which are very large for size of plant.

Pkt. 10c—3 Pkts. 25c, Postpaid

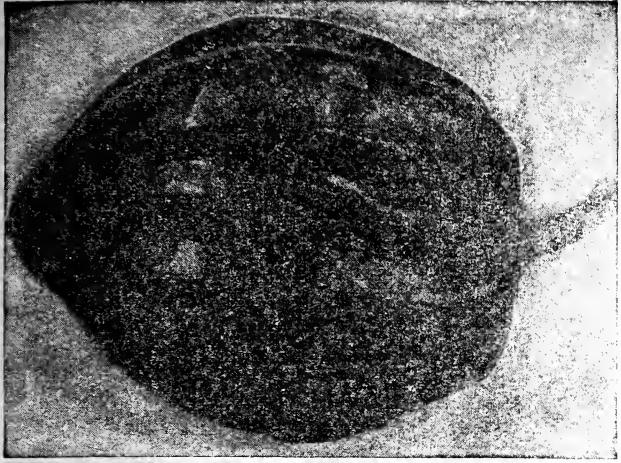
CHINESE CELERY CABBAGE

A most delicious vegetable which combines the rich celery flavor with that of the cabbage. Can be cooked or eaten like celery. Makes as good salad as the finest head lettuce. The mid-ribs can be cooked like asparagus, and, for cold slaw, no cabbage compares with it—One of the most delicious vegetables yet introduced, and bound to become one of the most popular.



Pkt. 10c—3 Pkts. 25c

Acorn Squash



Surely a Squash fit for a Queen's taste. Cut in half and baked for 20 minutes, it will give you a delicious meal you long remember—and if you like pie, try one made from Acorn Squash. You will be pleased not only with the quality of this Squash, but you will get so many from each seed planted, the vines being so vigorous and productive. The fruits are a nice size to handle, 6 to 7 inches long and 4 to 5 inches in diameter. The meat is exceptionally dry and mealy and of a fine flavor. The shell is thin, but hard and smooth, and they keep as well as the Hubbard, although they ripen earlier. The color is dark green, almost black, with sometimes a blotch of red at pointed end. This fine Squash has rapidly come into favor in many markets, being preferred to the large sorts—while for the home market, it is ideal.

Pkt. 10c—3 Pkts. 25c



SWEET POTATO PUMPKIN

Tennessee Sweet Potato is an excellent sort which, when cooked, resembles a sweet potato in flavor, but is of more delicious taste. It is pear-shaped and slightly ribbed. The color is creamy white, sometimes striped with green. Flesh is fine grained and very dry. Fine when cooked like sweet potatoes, and nothing superior for making pies and custards. Matures in 95 days, is hardy and productive, and keeps perfectly sound until late in the spring.

Pkt. 10c—3 Pkts. 25c, Postpaid



ORNAMENTAL GOURDS

Calabash Pipe—Dishcloth—Nest Egg—Pear-Shaped—Powderhorn—Sugar Trough

A fine mixture of rare, useful, and ornamental varieties.

Pkt. 10c—3 Pkts. 25c, Postpaid



JUMBO PUMPKIN

Often weighs 100 to 300 lbs. Always a prize winner at exhibitions. A good pie Pumpkin, splendid keeper, and valuable for feeding purposes.

Pkt. 10c—3 Pkts. 25c, Postpaid

WONDER BUSH CHERRY

These bushes grow about 18 inches high—and bear heavy crops of the best flavored fruit you ever tasted. Although many use the fruit raw, all claim it makes better pie than tree cherries. The Wonder Cherry, sometimes called Ground Cherry, will bear eight weeks after planting the seed.

Pkt. 10c—3 Pkts. 25c

WITLOOF CHICORY

Witloof is a delicious winter vegetable. It makes one of the finest of all salads, is very fine served with French dressing and eaten like lettuce, and is also excellent boiled. Plant seed in May or June in open ground, and in fall, dig roots, cutting off leaves, and store in soil in a cool place until wanted for forcing. About a month before wanted, the roots should be planted in boxes of earth, in cool, dark place in cellar. If not grown in a dark place, it should be banked up like celery, as it is the blanched stalks that are used. Coming as it does in the middle of the winter, it is bound to become popular as it becomes better known.

Pkt. 10c—3 Pkts. 25c, Postpaid



BANANA SQUASH

A new winter squash of excellent merit and very popular with the public.

Pkt. 10c—3 Pkts. 25c, Postpaid

SNAKE CUCUMBER

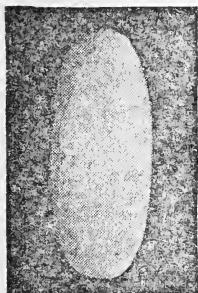
Like its name, this curious cucumber resembles nothing so much as a long, green snake. It is often 6 feet in length and is a distinct novelty variety. Seed should be planted early to obtain best results. Excellent for pickling and slicing.

Pkt. 10c—3 Pkts. 25c



The New and Odd—Also the Old Favorites

WHITE WONDER CUCUMBER



Color of White Wonder is beautiful pure white. Remarkably uniform in shape and size, averaging 8 inches long by 2-1/2 inches thick. Begins to bear early in the season and continues until fall. Flavor is pleasing and flesh firm and crisp. Fine sliced or in salads—Its smooth, clear surface makes the White Wonder an ideal pickle. Aside from the excellent quality of the fruits, White Wonder bears a great quantity of them. A packet of seed will furnish you cucumbers in abundance.

Pkt. 10c—3 Pkts. 25c

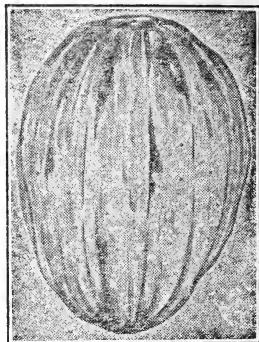
CLIMBING CUCUMBER

A wonderful Cucumber from Japan. Vines extra strong, vigorous and great climbers, producing surprising amounts of superior fruit on poles, fences, side of house, etc. Three times the usual crop from the given area can be grown from this variety. A good sort of plant to save garden space. Fruits of large size, nice green color, and fine for slicing and pickling—Sets fruit constantly throughout the season.



Pkt. 10c—3 Pkts. 25c

LEMON CUCUMBER



A real cucumber, similar in size, shape and color to a lemon. It has a flavor that is sweeter and somewhat different than other cucumbers. They are highly esteemed for pickling, either green or ripe, and for slicing just as the fruits are turning yellow. Will yield four times as many cucumbers as any other variety.

Pkt. 10c—3 Pkts. 25c

STAYGREEN

The greenest of the Long White Spine Cucumbers. About seven inches long; excellent shape and quality. Begins bearing very early, and picking period extends over a long time. A favorite for the home gardens.

Pkt. 10c—3 Pkts. 25c



CHINA LONG CUCUMBER

This is a remarkable new long green cucumber from China, with fruits from 20 inches to 2 feet in length, and only 2 to 3 inches in diameter. The skin is deep green and nearly smooth, the spines being few and small. There is nothing equal to China Long for crispness except possibly some of the hothouse varieties; flesh solid and of the very best quality for slicing. The nearest seedless of any variety we have ever tried. Nearly as early as the shorter varieties; vines strong, vigorous, healthy and productive. A most desirable variety for the home garden, and is sure to be a popular market sort as soon as it becomes better known.

Pkt. 10c—3 Pkts. 25c.



Splendid for Garden and Market

Chicago of Westfield Pickling—Very prolific variety, containing all the qualities desired by those who raise cucumbers for commercial pickles. Used almost exclusively by all the large pickling houses.

Pkt. 10c—3 Pkts. 25c, Postpaid

Improved Long Green—Most widely cultivated sort; unsurpassed for general use. The cucumbers average 10 inches long when fully developed, and are fine for slicing. The smaller fruits make excellent pickles.

Pkt. 10c—3 Pkts. 25c, Postpaid

Early White Spine—One of the best sorts for table use. The vines are vigorous, fruiting early and abundantly. The fruits are uniformly straight, dark green, fairly well covered with white spines, and when mature are usually about 7 inches in length. The flesh is crisp, tender and of excellent quality.

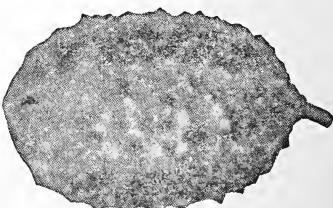
Pkt. 10c—3 Pkts. 25c, Postpaid

VINE PEACH

Ripe fruit in 80 days after seed is planted. This wonderful Vegetable Peach is the most beautiful of all vegetables. They resemble oranges in color shape and size and grow on vines like melons. They present a beautiful and tempting appearance when canned and make delicious preserves and pickles; fine for pies. There is nothing like them. Extremely early; of the easiest culture, and very prolific.

Pkt. 10c—3 Pkts. 25c

WEST INDIA GHERKIN



Small, oval-shaped, prickly fruit—used exclusively for pickling. Very prolific.

Pkt. 10c—3 Pkts. 25c

A FINE VARIETY OF PEAS

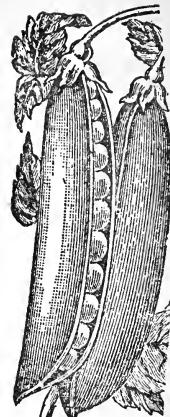
AMERICAN DROUGHT-PROOF PEA

Laughs at Drought, Smiles at Rain

American Drought-Proof will do well under a wider range of weather and soil conditions than any other variety. It will grow a crop during the driest, hottest summer months at a time any other variety would be a failure. In the hot, dry localities of the West, this variety will grow a large crop without irrigation and without a single drop of rain falling upon it from seed time to harvest. For midsummer or late summer planting this is the variety to plant. If it rains and the soil is kept moist, this variety will produce as large a crop as any variety we know of; if it doesn't rain, and it gets hot and dry, you will get a crop anyway. The handsome round pods are well filled with from 7 to 10 peas in a pod; quality excellent, sweet and tender, even when the peas are large. Vines grow 2 feet high, and require no support. This is the Pea that will do its best in the North, South, East or West. Don't fail to give it a trial. **Pkt. 10c—7 oz. 30c—14 oz. 50c, Postpaid**



Lima Peas



LIMA PEAS

Or Frost-Proof Bean

The Lima Pea or Frost-Proof Bean is highly esteemed in Europe, and is known there as the Broad Bean. They are not sensitive to cold, so should be planted as early in the spring as possible. The beans are as large as the largest Lima, and nearly the same shape. The flavor is more like peas than beans. Used like the Lima Bean; delicious either cooked fresh or as a winter shell bean. Wonderfully productive.

Pkt. 10c—3 Pkts. 25c, Postpaid

AMERICAN WONDER

The earliest of the dwarf wrinkle varieties. The vines are about 9 to 12 inches high and produce a good crop of well filled pods of medium size, about 2-5/8 to 2-3/4 inches long, containing five to eight large peas which are exceedingly sweet, tender, and well flavored. Seed medium size, generally flattened, wrinkled and pale green. **Pkt. 10c—7 oz. 30c—14 oz. 50c, Postpaid**

STRAWBERRY GUAVA

Delicious, Sweet and Spicy



Strawberry Guava

This is a luscious, tropical fruit which makes a useful as well as a charming and beautiful house plant. It bears both flowers and fruit at the same time. The flowers are pure white and delightfully fragrant. The fruit is about the size of a walnut, of a beautiful reddish color, and of delicious, sweet and spicy flavor. Fine for eating out of hand, and unsurpassed for making jelly. These

plants are usually grown from seed and begin to bloom and bear fruit while quite small. **Pkt. 10c—3 Pkts. 25c, Postpaid**



American Wonder

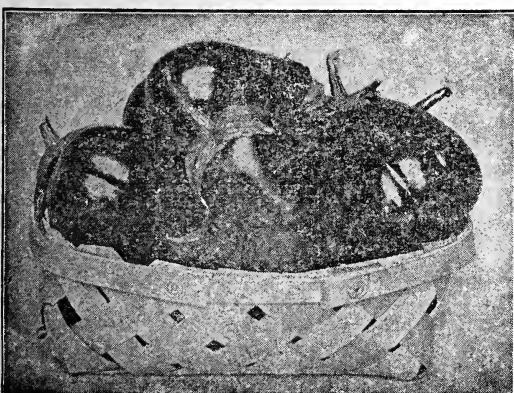
FREE CATALOG

This unusual Catalog will be sent FREE to anyone for the asking. Tell your friends about it, or better still, send us a list with post office addresses of your friends and we will send them a copy.

EGG PLANT

Egg Plants are as easily grown as tomatoes. Black Beauty is the finest variety and the earliest of all large fruited Egg Plants. The fruits grow to an enormous size and are ready to use ten days to two weeks ahead of other varieties. The plants grow into a compact and robust bush and are laden with the mammoth fruits. Under favorable conditions, they bear continuously until frost. The fruits are of most attractive form; the skin is a rich, lustrous, purplish black. Very productive; entirely free from spines or thorns.

Pkt. 10c—3 Pkts. 25c



Black Beauty Egg Plant

PARSNIPS

Improved Hollow Crown—A great cropper and considered the best for cultivation. The roots are long, smooth, tender, and very sugary.

Pkt. 10c—3 Pkts. 25c, Postpaid

BARDEN'S WONDER BANTAM SWEET CORN

This matchless Sweet Corn is a cross between Golden Bantam and Early Wonder, the result of which is a Bantam Sweet Corn with all the qualities and sweetness of the old reliable Golden Bantam, but with larger ears set up higher on the stalk. Ears 8 to 10 inches long, filled with 8 rows of broad, rich, golden yellow kernels. Stalk 5 to 6 feet high. Critical market and home gardeners and canners have long been looking for a Bantam Sweet Corn with these improved qualities. One of the big canning companies reports that Barden's Wonder Bantam produces one-third more tonnage per acre than any other Bantam Corn they have ever grown, and will consider using no other in the future. Tests each year have proved it to be as early as Golden Bantam and much more vigorous and productive.

Pkt. 10c—7 oz. 25c—14 oz. 45c, Prepaid

BLACK MEXICAN SWEET CORN

This is one of the richest flavored, sweetest, and tenderest sweet corns. To many of those who know it, no other variety can take its place. The ears are 8 to 9 inches in length, and are ready for the table in 55 to 90 days. The ripe seed is bluish black, but when in table condition the kernels are pearly white. It is a most desirable second early variety for the home garden.

Pkt. 10c—7 oz. 25c—14 oz. 45c, Prepaid

COUNTRY GENTLEMAN

This variety is often called the shoe-peg corn, owing to the arrangement of the crowded kernels. It is nearly as sweet as Golden Bantam. It remains tender longer than most sorts. Ears average 9 inches in length; the cob is small and very closely packed with slender, pure white kernels. It arrives at full perfection just in time to succeed the earlier varieties.

Pkt. 10c—7 oz. 25c—14 oz. 45c, Postpaid



AMERICAN GOLDEN GIANT

The best of the golden grain sweet corns. The sweetest and most tender and juicy of any variety that we have tried. Stocks grow about 5 feet high producing in 60 to 65 days. Each stock produces two and sometimes three good ears 7 to 8 inches long with generally 14 to 16 rows of long, deep kernels of deep orange color. The husk is heavy affording end protection from worms and birds. Pkt. 10c—7 oz. 25c—14 oz. 45c, Prepaid

LETTUCE

NEW YORK HEAD LETTUCE—Also known as Wonderful. Desirable not only as a garden variety for summer use, but is very much used as a fall and winter market sort. The plant is very large but compact and tight heading. Pkt. 10c—3 Pkts. 25c, Postpaid

BLACK SEEDED SIMPSON—Best known and probably the most largely planted of any variety. Leaves are large, light green, quite crumpled throughout; firm texture and good quality. Pkt. 10c—3 Pkts. 25c, Postpaid

PRIZE HEAD—(Seed White.) A large clustering, nonheading lettuce. Most easily grown variety in cultivation. Leaves are crumpled, bright green tinged with brownish red, very tender and sweet. Pkt. 10c—3 Pkts. 25c, Postpaid

PEPPERS Chinese Giant

Most gigantic of all Giant Peppers. A fine mild red pepper of enormous size, magnificent appearance, and brilliant, glossy scarlet color. The flesh is mild and unusually thick.

Pkt. 10c—3 Pkts. 25c, Postpaid

LONG RED CAYENNE

(125 days.) A well-known medium early variety, having a slender, twisted and pointed pod about four inches long. Color deep green when fruit is young; when ripe, of a bright red color. Extremely strong and pungent.

Pkt. 10c—3 Pkts. 25c, Postpaid

PIMENTO PEPPER

It is so smooth and uniform in shape that the skin can be easily slipped off after burning over a hot fire a few seconds, or by boiling a few minutes in hot water. It can also be pared like an apple by using a sharp knife. The green peppers can be pared best in this way. In quality, it is very delicious and entirely free from pungency; in color, when ripe, it is a beautiful green. It is much sought and grown by canners for pickles and pulp.

Pkt. 10c—3 Pkts. 25c, Postpaid

PARSLEY

MOSS CURLED—Very finely curled variety of dark green color. One ounce will sow 100 feet of drill.

Pkt. 10c—3 Pkts. 25c, Postpaid

OKRA OR GUMBO

WHITE VELVET—The plants are about 3½ feet high, early maturing and very productive. The pods are white, long, smooth and are tender until nearly full size. Pkt. 10c—3 Pkts. 25c, Postpaid

TURNIPS

PURPLE TOP WHITE GLOBE—The popular variety for general planting. One of the handsomest and most salable turnips. Flesh pure white and best flavored of all turnips raw or cooked. The skin is white, with a purple top.

Oz. 10c—3 Oz. 25c, Postpaid

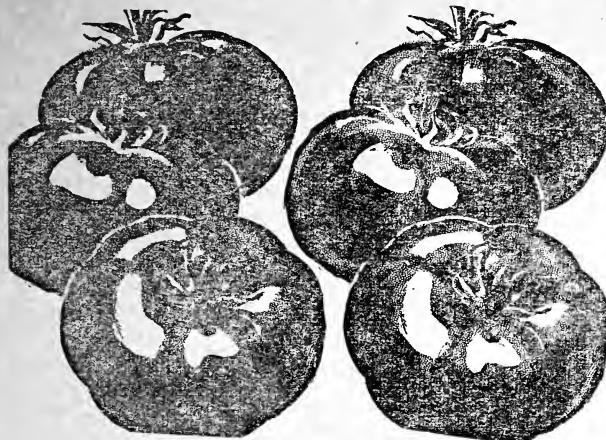
NORTHERN GROWN PEANUTS



Just as good Peanuts can be grown in the Northern States as in the South, provided you plant Improved American. Everyone should plant at least a few for the children. This is the finest variety grown and is very productive. The pods are remarkably solid and well filled with nuts of the very finest quality. Boys, here is a chance for you. Think of growing peanuts in your garden and having plenty of them to eat. Shell nuts carefully so as not to break inside skin, and plant as soon as ground becomes warm, about 2 inches deep, in rows 3 feet apart, and from 8 to 10 inches apart in the row.

Pkt. 10c—3 Pkts. 25c—Postpaid

THE LARGEST TOMATO GROWN

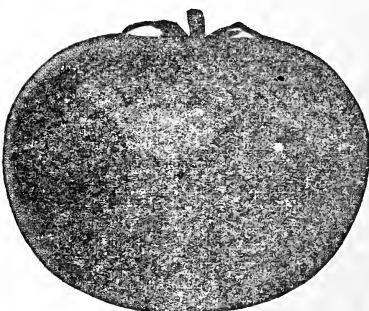


COLOSSAL

This is the largest of all Tomatoes, being even larger than the famous Ponderosa. Many planters in different parts of the country have grown Colossal Tomatoes weighing over 3 lbs., and some more than 4 lbs. Not only does the Colossal produce giant fruits, but it produces them in abundance. One planter in Illinois raised over a ton of Tomatoes from 186 plants. The very thick, meaty flesh, few seeds, and mild flavor combine to give the Colossal a quality on a par with its immense size. Unsurpassed for slicing or canning.

Pkt. 20c — 3 Pkts. 50c,
Postpaid

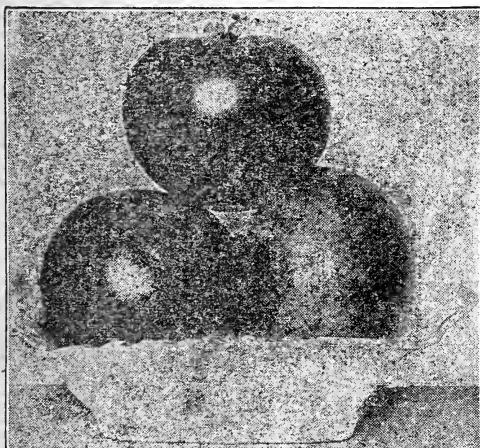
MARGLOBE



BREAK-O-DAY TOMATOES

The Earliest, Disease Resistant, Globe Shaped, Scarlet Fruited, Meaty Tomato Yet Introduced

We are pleased to be able to supply our customers with seed of this wonderful Tomato, which is the result of the most recent and scientific research in tomato growing by Dr. Fred J. Pritchard of the U. S. Department of Agriculture. Break-O-Day is a hybrid from Marglobe and other earlier varieties. It ripens as early as Earliana, about two weeks earlier than Marglobe. The foliage is similar to that of the Earliana. The fruits are of the Marglobe type, deep globe shaped, solid, meaty, with but few seeds, and of a beautiful scarlet color. No acid; just



full of delicious sweet, beautiful red meat. Break-O-Day not only starts bearing early, but is an abundant yielder throughout the entire season. We can highly recommend Break-O-Day to market growers, home gardeners and canners.

Pkt. 10c—3 Pkts. 25c, Postpaid

GIANT OXHEART TOMATOES

Oxheart is a giant among tomatoes. It is smooth, thick, tender and almost seedless; frequently showing two inches thick without a seed cavity. Three pound specimens are quite common. A pink tomato with a delicious mild flavor that every lover of fruit likes. For quality, it is unexcelled and, as it becomes better known, it is sure to be one of the most popular tomatoes yet introduced.

Pkt. 15c—2 Pkts. 25c, Postpaid

This New Tomato is the result of the efforts of Dr. F. Pritchard of the United States Department of Agriculture, who has succeeded in producing a perfectly globe-shaped tomato of the most beautiful red color. It bears an abundant crop of good-sized fruit which ripens well up to the stem. It is a second early sort and has proven to be disease resistant in the section where tomato diseases are most prevalent. Pkt. 10c—
3 Pkts. 25c, Postpaid

NEW CLIMBING TOMATO



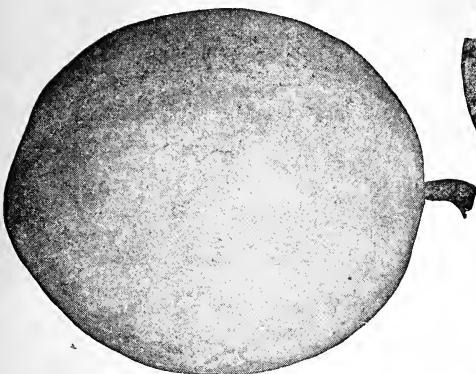
Nearly two bushels of large, best quality ripe tomatoes were picked from one vine, and when killed by fall frosts the vine was still loaded with ripe and green tomatoes and blossoms. Vines grow rapidly to 10 or 12 feet, and with good care even 20 feet.

Pkt. 10c—3 Pkts. 25c, Postpaid
FOR TREE TOMATO SEE PAGE 34

BONNY BEST

The fruits of this desirable early sort are most attractive in shape and color. The crop ripens more uniformly than any other early scarlet fruited sort, and is of superior solidity and interior color. Vines are vigorous and produce a good crop of exceptionally round deep fruits. One of the best for gardeners whose trade demands fruits of beautiful shape and color. Pkt. 10c—3 Pkts. 25c, Postpaid.

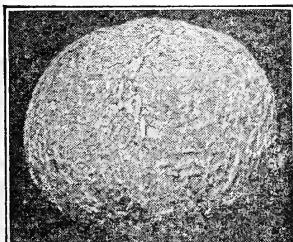
"HONEY DEW"
The Famous Melon



This is a cross between the Rocky Ford Cantaloupe and a South Sea Island Casaba. It has retained all the best qualities of both and is better than either. The melon is nearly white, turning to lemon-yellow when ripening, and the average size is a little larger than that of a coconut. The flesh is light green, the juiciest and sweetest Muskmelon, and luscious in flavor. The rind is hard. It is good as soon as picked off the vine and will keep good for months if kept in a cool, dry place. It is, therefore a good shipper and a most splendid fruit to grow for the market. In the city markets, the Honey Dew sells at higher prices than any other melon. As a local melon, it advertises itself. The first one eaten creates a desire for more. Plant it in your home garden. It will afford you more pleasure than any other vegetable you have. Ripe fruits in 90 to 120 days, depending upon the season. Full-grown fruits that do not ripen on the vines before the fall frosts can be picked and will ripen in storage.

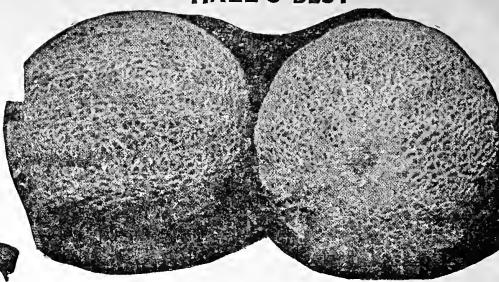
Pkt. 10c—3 Pkts. 25c, Postpaid

SUGAR ROCK
The Million Dollar Melon



A new melon which, for the last four years, has proved to be the most profitable market variety in the melon-growing districts of Michigan, Indiana, and Ohio, and is sure to become a leader throughout both the Eastern and Western States. Sugar Rock will stand shipping and handling better than any other high-grade melon and, due to its striking appearance and superior flavor and quality, it is rapidly becoming a favorite, commanding the highest prices in city markets. It is one of the most productive varieties grown. Five to seven perfect fruits, and often more, are produced on one vine. The rind is so tough and the flesh so firm that they can be allowed to ripen on the vine and then shipped long distances and arrive in perfect condition. It is not of the Rocky Ford type. It averages a little larger and is earlier, maturing its fruits in about 85 days. The fruits are slightly oval—nearly round—and are overlaid with a heavy gray netting. This heavy netting and tough rind is what makes them stand handling and shipping so well. Sugar Rock has deep orange flesh. It is wonderfully sweet and delicious. Pkt. 10c—3 Pkts. 25c, Postpaid

HALE'S BEST



Decidedly the earliest of the Rocky Ford type of shipping melons, and a most popular and profitable sort. Melons average as large as any of this class and have a sweet, sugary salmon flesh.

Pkt. 10c—3 Pkts. 25c, Postpaid

BANANA MUSKMELON



Surpasses all other melons in its delicious fragrance. The flesh (the melon being nearly solid) is of rich salmon, of the best quality, and very sweet and melting. It is very prolific. Grows from 18 to 36 inches in length, and looks almost like an overgrown banana. Pkt. 10c—3 Pkts. 25c

TIP TOP

A wonderfully fine melon and one of the most productive. Its appearance on the market is very attractive—sells on sight. The fruits are of large size, nearly round, evenly ribbed and moderately netted. Flesh rich, deep salmon, firm but not hard, and edible to the outside coating. The testimony of those who plant Tip Top is that every melon produced is a good one—sweet, spicy, juicy and of finest flavor. Ripe fruit in 90 days.

Pkt. 10c—3 Pkts. 25c, Postpaid

HEARTS OF GOLD

Owing to its superior quality, Hearts of Gold has taken first place in nearly all localities where it has been introduced. It is a good shipper, and just the right size to be served in halves. Average weight $1\frac{1}{2}$ to $1\frac{3}{4}$ lbs. Flesh deep orange, extremely thick, fine grained, of the best quality and very sweet and melting. It is a money-maker for market gardeners and few, if any, are its equal for the home garden. It is a marvel of productivity. Ripe fruits in 75 days.

Pkt. 10c—3 Pkts. 25c, Postpaid

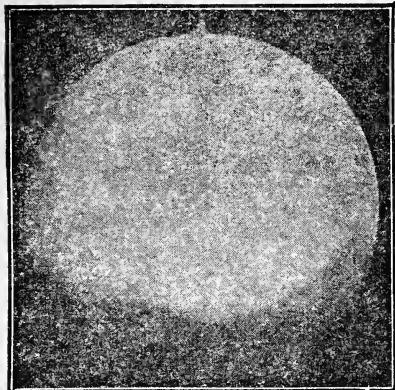
GARDEN HUCKLEBERRY

The Garden Huckleberry produces from seed the first year. A new fruit that cannot be excelled for pies and preserves. Very prolific, yielding an immense crop of fruit. It is an annual and must be planted each year from seed. Grows and thrives in all climates and on all kinds of soil. The fruits grow larger than the common Huckleberry or Blueberry. If cooked with apples, lemon, or anything sour, they make the finest jelly. You will be delighted and astonished with this easily grown, wonderful novelty.

Pkt. 10c—3 Pkts. 25c, Postpaid

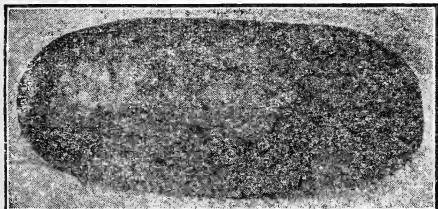
SOME UNUSUAL WATERMELONS

WINTER WATERMELON



A home-grown melon for your Thanksgiving dinner. It is not a citron or a freak, but a very prolific, long-keeping true watermelon. Flesh red, extremely firm, very brittle and deliciously sweet. Fruits taken from the field before killing frosts and stored in a cool place will keep long into the late fall and early winter and retain their delicious sweetness and flavor. Pkt. 10c—3 Pkts. 25c, Postpaid

PEERLESS, OR ICE CREAM



The Earliest Large, Long Watermelon

Peerless is the earliest large, long Watermelon. Our strain of this wonderful melon ripens very early. For the Central and Northern States, we consider this the best general cropper for the home market; has too thin a rind for shipping unless packed in straw. Fruits larger than Halbert Honey or Kleckley's Sweet and ten days earlier; rind light green, mottled and veined; flesh bright scarlet, solid to the center, tender, sweet, melting and delicious. Few, if any, surpass it for quality and productiveness. Pkt. 10c—3 Pkts. 25c

GOLDEN HONEY

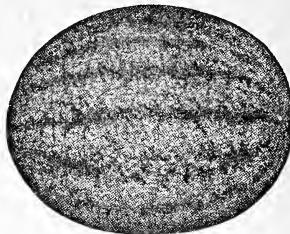
A Delicious Yellow-Fleshed Watermelon

Flesh of rich golden color, firm, crisp and glistening, sweet as honey and fairly melts in your mouth. No hard core or stringiness. An early melon, averaging about 20 lbs. each, and very few seeds. Pkt. 10c—3 Pkts. 25c, Postpaid

GEORGIA RATTLESNAKE

One of the finest melons ever grown; a splendid keeper, excellent shipper. Sometimes called Striped Gypsy. A very large melon of good shipping qualities. Shape oblong, striped, and mottled with various shades of green. Flesh bright red. Flavor sweet and first-class. Rind not thick. Pkt. 10c—3 for 25c, Postpaid

MAMMOTH PRIZE WATERMELON



Mammoth Prize or Improved Triumph is the largest Watermelon grown. Many grow to from 100 to 150 lbs. On one vine, five melons were grown that weighed 152, 151, 149 1/4, 148 3/4, and 147 lbs., the five weighing a total of 748 lbs. The seed we offer is extra select, and should produce fine, sweet, juicy melons of excellent quality and enormous size. Pkt. 10c—3 Pkts. 25c

KLECKLEY'S SWEET OR MONTE CRISTO

One of the earliest, best and sweetest-flavored melons in cultivation. On account of its thin rind, it will not stand shipment to distant markets, but it is the best that can be grown for the home and nearby markets. The skin is dark green. It is of symmetrical oblong shape, well rounded on both ends. The flesh is scarlet, firm, solid, and of delightful flavor. Pkt. 10c—3 Pkts. 25c, Postpaid

STONEMOUNTAIN WATERMELON

A very large, medium dark green, round melon of excellent quality. Flesh highly colored, very solid, with fewer seeds than most varieties. The fruits frequently attain a weight of 60 to 80 pounds. The rind is tough enough to stand handling for nearby markets, but will not stand long distance shipping. We have found this somewhat earlier than other large varieties. It produces an abundant crop and can be grown successfully farther north than many of the large, long varieties. Pkt. 10c—3 Pkts. 25c, Postpaid

NEW CLIMBING WATERMELON



A superb variety that may be trained and tied to trellis, etc. Melons about size of large coconuts; crimson flesh of the highest quality; rich and sweet. Fruit ripens for a long period, unlike other sorts which ripen their fruit mostly at one time. An ideal melon for the small garden. Pkt. 10c—3 Pkts. 25c

ICICLE RADISH

The best long white Radish—mild and sweet. A favorite with market gardeners and for the home garden.

Pkt. 10c—3 Pkts. 25c,
Postpaid

SAXA RADISH

The Earliest Radish Grown

We have found this new Radish to be earlier than any of the other so-called earliest sorts. The best extra early variety for forcing, and for growing in the open ground it has no superior. From the time of seed sowing to the table in 16 to 18 days, and under ideal conditions are fit to pull in 15 days. It is round, bright scarlet in color, and has a very small top and taproot. Flesh pure white, crisp, brittle, mild and juicy. The saxa is one of the slowest to shoot to seed.

Pkt. 10c—3 Pkts. 25c,
Postpaid

JAPANESE GIANT RADISH

This is the great Sakurajima Radish from Japan. Largest radish grown, often attaining the enormous weight of 15 pounds, and sometimes 20 or 30 pounds. It is not only a curiosity, but a radish of extraordinary quality. The flesh is solid, firm and brittle, and of most excellent flavor; can be eaten all summer long and also be kept through the winter. Will thrive in any soil or climate. Pkt. 10c—3 Pkts. 25c



NEW CORELESS CARROT



A new rapid growing early variety of superior flavor; tender and without any woody heart or core. Roots are half-long, blunt-pointed, and grow to a medium size; are very smooth, and of a deep orange-red color. Highly recommended for market or home use when either young or full grown.

Pkt. 10c—3 Pkts. 25c, Postpaid

OX HEART—The best of the short carrots in color, flavor and shape. Tops comparatively small. Roots about 4½ inches long, very thick, ending abruptly in a small taproot. Flesh bright orange, fine grained and sweet. Pkt. 10c—3 Pkts. 25c, Postpaid

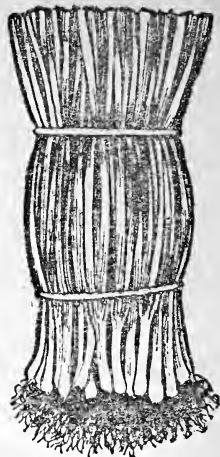
DANVER'S HALF LONG—A variety that is adapted to all soils, and is enormously productive, often yielding more than the large field carrots and is much easier harvested on heavy ground. Five to six inches in length; flesh very tender and sweet and a rich orange color; finely grained and free from woody fibre. Ready for use in 70 days. Pkt. 10c—3 Pkts. 25c, Postpaid

JAPANESE LONG-BUNCHING ONION

A valuable introduction from Japan which, on account of its merit, is sure to meet with popular favor for young green onions. It forms no bulb, but produces a long white tender root as shown by the illustration. Superior to any other hardy bunching onion in that it remains always tender and mild, and owing to quality and fine appearance, it makes an attractive bunch that sells at an advanced price over other varieties. Our Japanese grower informs us that in Japan this onion is often blanched 24 inches. With this variety, you can have bunching onions of the very best quality all through the summer. No garden is complete without a row of these onions. A money-maker for market gardeners.

Pkt. 15c—2 Pkts. 25c—5 Pkts.

50c, Prepaid



EBENEZER

The Extra Early, Long Keeping, Mild Onion

One of the mildest flavored onions grown. The flesh is white, firm and of very delicate flavor. The onions are quite similar to Yellow Globe Danvers in shape but much larger in size, yellow skinned and have very small tops and mature early. Many people who know this onion will have no other kind for their own table. In the localities where it has been grown, the onions of this variety command much higher prices than other kinds. Those who want a nice mild onion, either for large onions or bottom sets, would do well to try the Ebenezer. Sets are grown the same as large onions, except that the seed is sown thickly—one pound of seed to each 100 feet of drift. These sets, if planted early in the spring, will produce ripe onions in July, at which time they will bring a high price. Sets of this variety rarely produce seed stalks as other kinds do. The Ebenezer is such a good keeper that even those ripening in July will keep sound and hard through the fall and all winter. Don't fail to plant some Ebenezer onion seed this season, sowing some for large onions and some for sets. Pkt. 10c—3 Pkts. 25c, Prepaid

TURNIP ROOTED CELERY

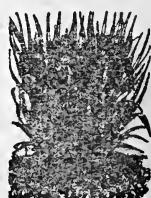


A popular vegetable in Europe. Instead of producing long leaf stalks like ordinary celery, it has a turnip-like root with the true celery flavor and is greatly liked by nearly all who have tried it. Excellent for salads and flavoring, or cooked like parsnips, turnips or oyster plant. Pkt. 10c—3 Pkts. 25c

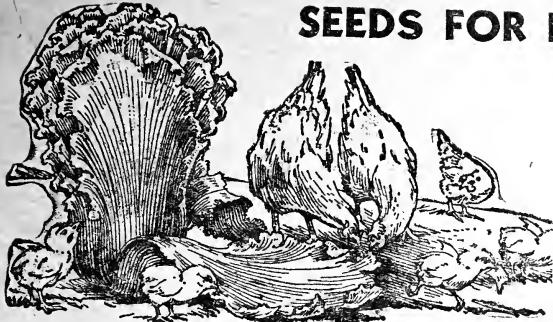
GROUND ALMOND

A delicious nut with a flavor resembling the coconut or almond. The meat is clear white, covered with a thin shell or skin of brown; grows close to the surface, very prolific, a single nut yielding 200 to 300 nuts in a hill. Does well in any soil. Planted in the spring the same as potatoes.

Pkt. 10c—3 Pkts. 25c



SEEDS FOR POULTRYMEN



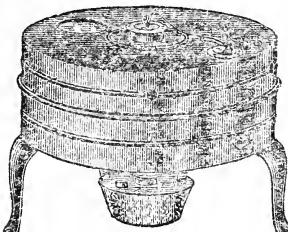
MAMMOTH RUSSIAN SUNFLOWER—Sunflower Seed is an excellent poultry feed at all times, and especially during the molting season. Single heads often measure 12 to 22 inches in diameter and contain an immense quantity of seed. Pkt. 10c—1/4 lb. 25c—1 lb. 60c, Postpaid

CHISHA, OR CHICKEN LETTUCE—You have, no doubt, read in the poultry literature that lettuce is an excellent feed for chickens. In the Chisha Lettuce you will find a feed that yields as much or more than other green feeds. It is economical to grow this strain, for when cut it resumes its growth rapidly and can be cut again and again; or the leaves can be pulled off each stem like the Jersey Kale. The yield is extremely heavy. Chisha, or Chicken Lettuce, does not make a head, but sends up a stout stalk, 3 to 4 feet high, and just loaded with leaves. Pkt. 10c—3 Pkts. 25c—Oz. 35c—1/4 lb. \$1.00—1 lb. \$3.00, Postpaid

FETERITA

Government introduced from Africa, equals corn for poultry feed, and is much more drought resistant, often producing 30 bushels an acre when corn completely fails. Produces without rain after growth starts. Pkt. 10c—7 Oz. 45c—2-1/2 lbs. \$1.20—5 lbs. \$2.00, Prepaid

American Baby Grand Incubator, \$6.25—Prepaid

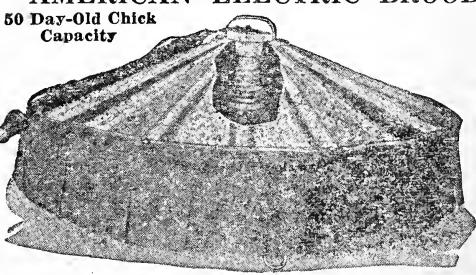


Simple and easy to operate. Greatly improved. Equipped with heat and moisture regulator. Glass window in top allows you to see thermometer and moisture cup. All metal construction. Felt insulation. Fine for hatching eggs from pens or small flocks. Used by large and small poultrymen everywhere. Furnished complete with Lamp, Moisture Cup, Heat Regulator, Thermometer, and instructions for operating. Handy Removable Top for turning and airing eggs. Can be shipped by parcel post, freight or express. 50 egg size. Weight 15 pounds. **Prepaid \$6.25.**

Baby Grand Electric Incubator, 50 egg capacity, complete with regulator, cord and socket. Ready for operation. **Prepaid \$7.50.**

AMERICAN ELECTRIC BROODER, \$3.85

50 Day-Old Chick Capacity



KILL RATS AND HOUSE MICE

BLACK CAT is Harmless to Man, Domestic Animals, Baby Chicks, Poultry, Dogs and Cats, but is deadly to Rats and House Mice. May be safely used around the home, barn, poultry house, warehouse or any rat or mouse infested building. Can be mixed with butter, ground meat, corn meal or other food, and the rats and house mice will eat it readily. Guaranteed to kill rats and house mice and nothing else, when used according to directions. Package, 50c, postpaid.

for use on 110-120 volts, A. C. Light bulb may be used in place of cone heater. No. 9B-21-74 American Electric Brooder, weight 12 lbs. Price, prepaid **\$3.85**

Cut Your Feed Bill One-Half, Increase Egg Production

POULTRY CABBAGE—Is a wonderful green feed for poultry and has been known to yield 3 tons in a space 40 by 60 feet. You can't beat this for low priced feed. One-half pound of seed will grow enough greens to feed about 1,000 hens for four months; 3 pounds to an acre for 6,000 hens for four months. Poultry Cabbage is a rapid grower. In the Northern States, the seed may be sown any time from early spring until the middle of July. In the South, seed may be sown throughout the entire year. Pkt. 10c—3 Pkts. 25c—Oz. 35c—1/4 lb. \$1.00—1 lb. \$3.00, Postpaid

POULTRY BEET—MANGEL WURZEL—Furnishes a tremendous yield per acre and makes an excellent green feed for poultry during the winter months and always increases egg production. Mangel Wurzels are excellent food for cattle and keep them in perfect physical condition and increase the flow of milk. Only a little garden space will be required for growing enough to last all winter, and they are very productive. Stored in a cellar or any cool place, they will keep until spring. Pkt. 10c—3 Pkts. 25c—1/4 lb. 35c—1 lb. \$1.00, Postpaid

JAPANESE GIANT RADISH

This is the great Sakurajima Radish—from Japan. Largest radish grown, often attaining the enormous weight of fifteen pounds, and sometimes twenty or thirty pounds. It is not only a curiosity, but a radish of extraordinary quality. The flesh is solid, firm and brittle, and of most excellent flavor; can be eaten all summer long and also be kept through the winter. Will thrive in any soil or climate.

Pkt. 10c—3 Pkts. 25c—Oz. 35c—1/4 lb. \$1.00—1 lb. \$3.00, Postpaid



A first class, low priced brooder suitable for the care of 25 to 50 chicks. Use any place where temperature does not fall below freezing. Galvanized 24 inch canopy, fitted with three wire legs. Heavy cloth curtain. Handle on top. 8 ft. drop cord and plug. 60 watt cone heater

CHINESE CINNAMON VINE



The Cinnamon Vine is one of the most satisfactory climbers. Its handsome foliage and fragrant, cinnamon-scented blossoms commend it to every lover of flowers. It is tuberous-rooted and, once planted, will grow a lifetime. It is perfectly hardy, thrives on all soils, in sun or shade, wet or dry. No insects or blight ever trouble. Will quickly surround your windows, arbors and porches with a mass of vines, and profusion of small white flowers. While the Cinnamon Vine is grown mainly for its beauty and fragrant blossoms, the tubers are edible, being most delicious when baked like sweet potatoes. For windows, plant two on each side. For porches, walks, etc., plant 8 inches or a foot apart, covering 2 inches. Furnish twine support for the vines. Choice tubers—15c each—2 for 25c—6 for 60c—12 for \$1.00—30 for \$2.00, Postpaid

DECORATION DAY DAISY

Very similar to the popular Shasta Daisy except that instead of blooming in the late summer and fall, it is in full bloom by Decoration Day. Pkt. 10c—3 Pkts. 25c, Postpaid

CIGAR PLANT



A charming compact house plant, literally covered with scarlet tubular flowers throughout the year. Simple culture. Pkt. 10c—3 Pkts. 25c

FLOWERING TOBACCO

Fine for bedding, or for planting as a background in borders for lower growing plants. Sow the seed indoors in a box filled with fine sandy soil, and barely cover them from view. Splendid pure white Bouvardia-like flowers on long terminal tubes. It blooms very freely all during July and August and makes a magnificent show. Pkt. 10c—3 Pkts. 25c, Postpaid



JOB'S TEARS

A pretty, ornamental grass, with broad, corn-like leaves and hard shining seeds of peculiar appearance, giving the plant its name.

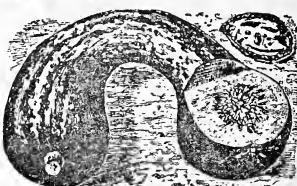
The seed is frequently used as an old-fashioned remedy for sore throat, goiter, and teething babies. They are strung on a linen thread and worn around the neck as a chain. Pkt. 10c—3 Pkts. 25c, Postpaid



JAPANESE PIE

A high quality pumpkin of Japanese origin. The flesh is very thick, of a rich salmon color, fine grained, dry and sweet. Seed cavity small. Of medium size, early, very productive and a good keeper. Highly desirable as a pie or cooking pumpkin. The seeds are distinct in appearance, being curiously sculptured in the same manner as Japanese letters.

Pkt. 10c—3 Pkts. 25c, Postpaid



GIANT SUMMER CROOKNECK

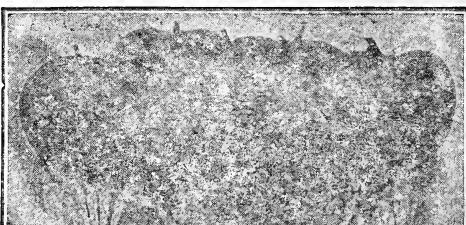
Largest and one of the earliest of the crookneck summer squashes. Vines of bush habit, large and more vigorous than Summer Crookneck.

Fruits when mature are very large, often 1½ to 2 feet long, with exceedingly warty surface. The color is deep yellow. Its large size and attractive color make it a great favorite with market gardeners.

Pkt. 10c—3 Pkts. 25c, Postpaid



HYBRIDIZED POTATO SEED

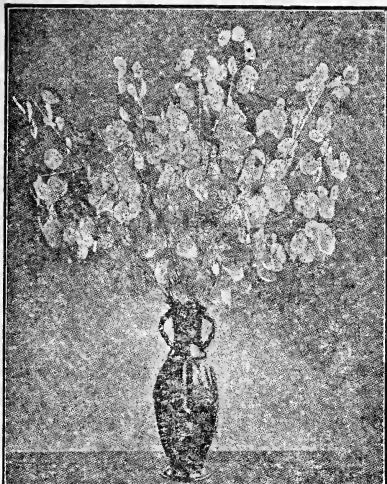


Seed from the Seed Balls—Headquarters Stock

Your fortune may be in one of them. They are as easy to grow as tomatoes. Millions never saw a Potato Seed Ball. Thousands have tried in vain to get the seed. Now is your opportunity. This unrivaled seed will produce an endless variety of new kinds. It is from these that all valuable new varieties of potatoes are produced. Growing new and distinct Seeding Potatoes from the Seed-Ball Seed is intensely interesting. They will be the greatest curiosity of your garden. This seed will positively produce innumerable new kinds, colors, shapes, sizes and qualities. The product will astonish you. Some may be of immense value and bring you a golden harvest. Every farmer, gardener and bright boy should plant a few packets. You may be one of the lucky ones. Full directions on every packet.

Pkt. 15c—2 Pkts. 25c, Postpaid

CHINESE MONEY PLANT



A beautiful, hardy biennial, about 2 feet in height, which is known in the different provinces of China as the silver, satin or money plant, and in Europe as St. Peter's Penny. Flowers are violet-purple, white and dark crimson, followed by the silvery seed pods that present a beautiful and rather curious appearance. When dried, the stems, which are loaded with these glistening seed pouches, will last indefinitely and are exquisite for winter bouquets and other decorative purposes. **Pkt. 15c—2 Pkts. 25c**

DWARF ORANGE

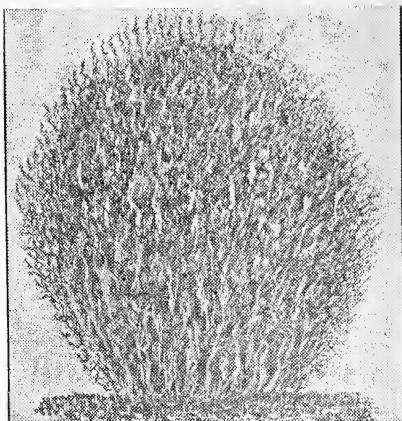
A fine pot plant, with glossy leaves, fragrant waxy-white blossoms, and an abundance of delicious little Oranges that will hang on the plants for six months after they are ripe. While it will grow 3 to 4 feet high and branch freely, it is not an uncommon thing to see little 5- to 6-inch plants full of bloom and even bearing one or two Oranges. Plants, **60c each—3 for \$1.50, Postpaid**



IMPORTANT NOTICE

Owing to quarantines, we do not ship Orange or Lemon plants to Alabama, Arizona, California, Florida, Georgia, Louisiana, Mississippi and Texas.

KOCHIA (Burning Bush)



Very handsome, symmetrical plants, forming beautiful ornamental shrubs, and growing 3 feet tall in three months. Wherever a quick-growing annual hedge is wanted there is nothing better than Kochia. Turns to a gorgeous carmine in fall.

Pkt. 10c—3 Pkts. 25c, Postpaid

ELECTRIC LIGHT PLANT Or Giant Spider Plant

A remarkable curiosity, which grows to the height of about 4 feet, and is covered with large spikes of flowers 6 to 8 inches long, produced in lovely shades, white and pink at base and rose to bright red and purple at top of flower, resembling clusters of brilliant and many-colored electric lights. Grows readily from seed. Showy and ornamental. A curious and unusual plant, so lovely that everyone will admire it. Seed sown in the open ground in May will flower in July, and continue in flower uninterrupted until frost.

Pkt. 10c—3 Pkts. 25c



MORNING GLORIES

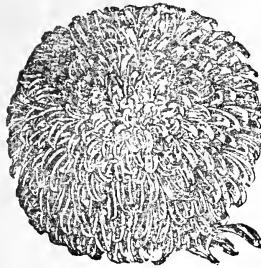
Heavenly Blue

The finest of all Morning Glories. Immense flowers measuring 5 inches in diameter; bright sky blue color with a white throat. Our strain of this variety is about 20 days earlier than the ordinary strain. **Pkt., 10c.**

Scarlett O'Hara

A new color in Morning Glories—rich dark wine red or deep crimson. Flowers about 4 inches across, freely produced on fast growing vines, and stay open longer than other varieties, many until in the afternoon. A blaze of brilliancy which will make it one of the most popular varieties. **Pkt., 15c.**

GIANT OSTRICH FEATHER ASTERS



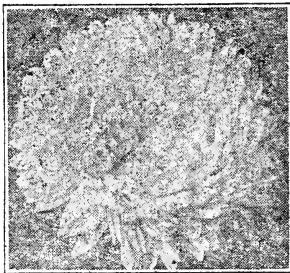
We are now offering improved strain of Giant Ostrich Feather, and consider it the finest of all Asters. The plants are about 2½ feet high, robust in growth, and branch freely, and are loaded with magnificent feathery, full, fluffy flowers par excellence. We offer the following colors: crimson, brilliant rose, pink, light blue, dark blue, pure white, pale yellow, or mixed colors.

Pkt. 15c—2 Pkts. 25c, Postpaid

HEART OF FRANCE

The best pure red Aster ever introduced. All others have somber shades of blue or too much yellow in the color pigments. Heart of France opens red as the purest ruby, deepens with age, and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. The flowers are large and full, with never a trace of hollow center.

Pkt. 15c—2 Pkts. 25c



MEXICAN FIRE PLANT (Annual Poinsettia)



A variety of Poinsettia which grows quickly to a height of 2½ to 3 feet from seed sown in the open during May. About the middle of summer, the top central leaves turn to rich orange-scarlet, similar to the famous greenhouse variety of Poinsettia which is so popular about Christmas time. A blaze of glory throughout the summer and fall. Can also be grown as a house plant.

Pkt. 10c—3 Pkts. 25c

TULIP TREE

A rapid-growing tree of unusual beauty. Flowers appear in June and resemble large tulips. Beautiful, glossy leaves which, in fall, turn to brightest yellow. Makes a wonderful specimen tree for any lawn. Young trees that will grow rapidly, 2 to 3 feet high.

60c Each—3 for \$1.50, Postpaid

"DOGZOFF"



If you are bothered with dogs, cats, or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellent and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted.

"Dogzoff" is applied with any small insect sprayer and one application usually does the work.

"Dogzoff" will save its cost many times over around the garden and home.

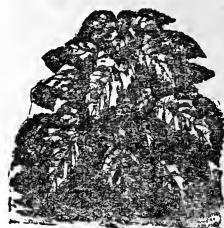
Price for Season's Supply, 60c, Prepaid

SWEET WILLIAM



15 to 18 inches. May and June. Almost too well known to need description. Splendid for massing in the border. **Pkt. 10c—3 Pkts. 25c, Postpaid.**

COLEUS



Rainbow Hybrid Coleus are beautiful and showy bedding and house plants. Large heart-shaped leaves, many of them are handsomely crimped, toothed and frilled; beautifully variegated and with color combinations that are remarkably rich.

Pkt. 20c

HARDY PHLOX



Because of the bright, showy colors and their long blooming period, the hardy Phlox are counted among the most highly prized perennials. Enormous heads of brilliant flowers produced on strong erect stems. They average 2 to 3 feet in height and bloom from June to October. A select mixture of all colors. **Pkt. 15c—2 Pkts. 25c**

HELIOTROPE



These are universal favorites on account of their delightful fragrance. Flowers equally well as bedding plants in summer, or as pot plants during the winter. Flowers of great size and ranging in shade from dark blue to lilac. **Pkt. 15c**

EVERBLOOMING BABY RAMBLERS

Bush Roses—Grow 18 to 24 inches High



bedding, borders and hedges. As cut flowers they are excellent for mixed bouquets. They are produced in clusters or sprays of a dozen or more flowers.

CAMEO—Cameo-pink flowers.

EDITH CAVELL—Scarlet-crimson.

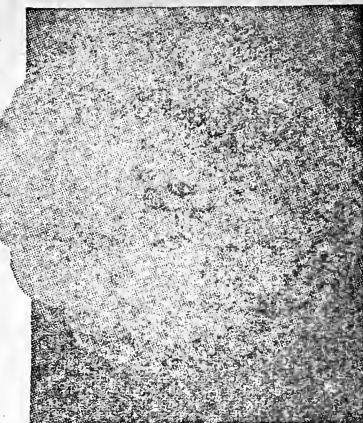
GLORIA MUNDI—Orange-scarlet.

GRUSS AN AACHEIN—Buds orange pink, opening blush pink.

PRICES—2-year-old, field-grown plants, 75c each; 3 for \$2.00, postpaid.

The most truly everblooming of all Roses. They are scarcely ever without flowers during the growing season. They are the first to bloom and continue until the last, even into October after the frosts have cut down the others. They are not climbers as the term rambler might indicate, but a bush rose growing 18 inches to 2 feet high and are proving more popular each year for

GIANT ZINNIA



This type, latest development in Zinnias, bears flowers of mammoth size; in form like a perfect decorative Dahlia. Plant is a strong grower and flower stems are long and stiff. This remarkable variety includes a complete range of delicate, bright and rich colors from white, yellow, lavender and rose to orange, scarlet and crimson. A wonderful cut flower.

Pkt. 10c—3 Pkts. 25c

AMERICAN LAWN SEED

This grass is used more than any other. It is composed of six of the finest turf grasses, such as Fescue, Bents, etc. This is used extensively on tennis courts, school grounds, golf fairways, in parks, and on large and small lawns and terraces. It makes a good turf the first season and can be walked on without injury to the young grass. This grass will remain green almost the year 'round and will thrive anywhere except on the extreme South Coast. For Fall sowing in the South on Bermuda grass sod, this is very successful. Sow one pound to each 400 feet of lawn space. Price: 1 to 5 lbs., 60c per lb.—5 to 25 lbs., 55c per lb. Delivered Prices.

GIANT PANSY

Giant-sized flower of most striking character, each petal being conspicuously curled or waved, giving them the effect of a double flower.

The colors are mainly rich dark shades, bordered, blotched, or marked in the ray-like veinings with contrasting colors.

Bloom freely and continuously as long as weather remains cool.

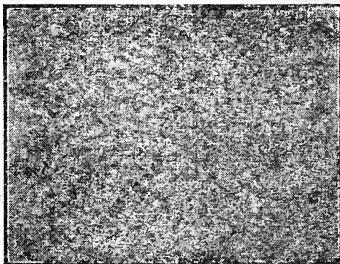
Pkt. 20c—3 Pkts. 50c



MARIGOLD SUNSET GIANTS

Largest flowered Marigold ever produced, averaging 5 inches, and some as large as 7½ inches. Instead of usual Marigold odor, the flowers have a definitely sweet fragrance. Sunset Giants is a mixture ranging from deep orange through golden orange, golden yellow, light yellow, lemon, and a delightful shade of primrose. Plants, 3½ to 4 feet high. Pkt., 10c.

SNOW ON THE MOUNTAIN



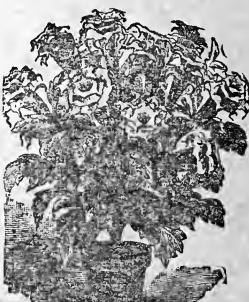
One of the finest foliage plants for outdoor planting. Foliage attractively veined and is margined with white 2 feet. Excellent for beds and borders.

Pkt. 10c—3 Pkts. 25c, Postpaid

Angel's Trumpet

Large tropical leaves with trumpet-shaped flowers—pure white and as fragrant as jasmine. Blooms indoors in winter, and in the garden in the summer.

Pkt. 20c



PLEASE—If you get more than one of these catalogs, please pass it on to your neighbor.

CHINESE LANTERN PLANT



Pkt. 10c—3 Pkts. 25c

The Chinese Lantern Plant (*Physalis Franchetti*) is a hardy, perennial variety of Ornamental Winter Cherry which forms dense bushes about two feet high. It is grown for its very attractive balloon-like pods which turn very bright red and resemble Chinese paper lanterns. May be easily dried for Winter bouquets and decorations—being very fine at Christmas—retaining its color and shape all during the winter.

The Chinese Lantern Plant is easily grown on any ordinary garden soil, and is unusually striking in the garden. A money-maker for florists and others who have a cut-flower trade; and a real enjoyable and fascinating plant to grow.

EVERLASTINGS

To meet the growing demand for winter bouquets, we have added to our line more varieties of Everlastings, or more commonly called Straw Flowers. We are making these up in a splendid collection of seeds which should give you wonderful bouquets for next winter. We are including Acrolinum, which is a white and pink flower about one inch in diameter, with petals strawy to the touch, but of silken appearance. Plants 18 inches tall. Seahally, a pretty plant with thistle-like heads of flowers of a steel blue. The Everlasting Celosia, which is a lilac pink, borne in elongated heads, carried on long, substantial stems. We are offering a special mixture of these Everlasting flowers and give a liberal size package for 15c—2 Pkts. 25c



BLUE LILY OF THE NILE



A splendid ornamental plant with bright evergreen foliage spreading 3 or 4 feet surmounted with spikes of bright blue flowers which remain in bloom for a long period. It is a most desirable tub plant for porch or lawn. Should be wintered in the cellar or greenhouse. Seed, 15c Pkt.—2 Pkts. 25c, Postpaid

SHOO-FLY PLANT

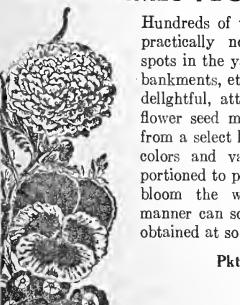


SHOO-FLY PLANT

Pkt. 10c—3 Pkts. 25c

It is said that flies will not stay in a room where it is grown if they can conveniently escape. What it is about it that repulses them is not clear, as the plants and flowers have no odor. It is a beautiful flowering plant, and blooms in a short time (60 days) from seed. It is a profuse bloomer in pots both summer and winter, the blossoms being large, cup-shaped and of a lovely light blue color with white center.

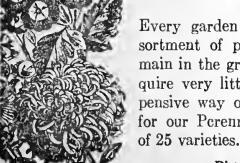
HARD TIMES FLOWER GARDEN



Hundreds of varieties of pretty flowers at practically no cost. Unsightly or bare spots in the yard, along the fences, on embankments, etc., can be transformed into a delightful, attractive flower garden. This flower seed mixture is especially prepared from a select list of hundreds of sorts—the colors and varieties being carefully proportioned to produce a constant and varied bloom the whole season. In no other manner can so many different varieties be obtained at so small a cost.

Pkt. 10c—3 Pkts. 25c

PERENNIAL FLOWER SEEDS



Every garden should contain a good assortment of perennial plants, as they remain in the ground year after year and require very little care. An easy and inexpensive way of obtaining them is to send for our Perennial Flower Seeds. Package of 25 varieties.

Pkt. 10c—3 Pkts. 25c

MIMOSA (Sensitive Plant)

The plant is most interesting. When subjected to a strong draft, or touched, the leaves fold up and droop. After a short period of rest, they regain their original position. The flowers are small, and carried on the ends of the stems; they form ball-shaped, feathery heads of a light rose color.

Pkt. 10c—3 Pkts. 25c, Postpaid



DOUBLE SWEET-SCENTED NASTURTIUM

Golden Gleam. This Double Sweet-Scented Nasturtium was introduced last year, and proved to be the finest thing in Nasturtiums ever offered.

The plants form vigorous, large bushes, and when fully developed send out short runners about 18 inches in length. The neatly formed plants are covered with a mass of large, golden-yellow, semi-double flowers 2-1/2 to 3 inches across. Pkt. 10c—3 Pkts. 25c, Prepaid



MIXED PETUNIAS

This mixture contains a good range of brilliant and impressive colors and these hardy plants retain a continuity of blooms until frost. Their blazing array of color makes any display an object of admiration and beauty when stocked with these vigorous and profuse growers.

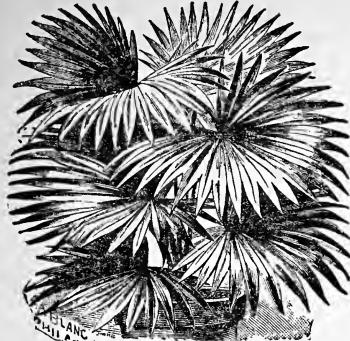
Pkt. 10c—3 Pkts. 25c, Postpaid

ORIENTAL FLOWER GARDEN Japanese and Chinese Novelties

This is a special collection of Japanese and Chinese flower seeds; curious, showy and most handsome varieties, entirely adapted to our climate. It is from Japan that we obtain many of our most beautiful flowers, and many of our rarest, most curious, effective and showy varieties come from China. This Oriental Flower Garden contains a large assortment of varieties, all put up in one package. It would be expensive to buy them all in separate packets. Full directions for planting are sent with each package. This fine Oriental seed assortment will please you.

Pkt. 10c—3 Pkts. 25c

GIANT FAN-LEAVED PALM



The finest of all Palms, and easily grown from seed. Elegant fan-shaped leaves of a rich, dark green—beautifully fringed with long, thread-like filaments along the segments of the leaves. The plant is a compact grower, well adapted to pot culture, and succeeds in any situation. Needs no petting; stands dust and dry air; lack of sunshine does not bother it. Very ornamental at all stages of growth, and the most satisfactory Palm ever offered. Seed, 25c Pkt.

CACTUS SEEDS



Cactus make most interesting house plants, extremely odd and curious, and many have gorgeous and beautiful blossoms sweet scented, and blooming profusely. These oddest of all plants grow in many shapes and sizes, are easily grown, thrive and bloom with very little care, and endure the heat and dryness of the ordinary living room. Much pleasure may be derived in growing them from seed. Everyone is delighted and surprised at the odd appearance of a Cactus just sprouting. If you desire a fine collection of rare varieties, sow the seed in pots or boxes in a warm room in moist sand, and the seed will grow quickly. We have fresh seed of a mixture of 10 choice varieties. Pkt. 10c—3 Pkts. 25c

GROW YOUR TOBACCO In Your Own Back Yard

Tobacco can be successfully grown in all parts of the United States, even in the far North. Cut down your expenses by growing your own, and you will have a good supply of pure, unadulterated natural leaf that has not been "doped" or "doctored" up by the manufacturer. Directions for growing are sent with each packet of seed.

Pkt. 10c—3 Pkts. 25c, Postpaid

FANTASY ZINNIA Chrysanthemum Flowered

Our improved strain of Fantasy is the most fascinating Zinnia ever introduced. The very informal, shaggy appearing flowers are graceful and interesting, quite distinct from the stiff, formal Zinnias to which we are accustomed. The rounded medium sized flowers are composed of a mass of shaggy ray-like petals which give a delicate and refined appearance, large enough to satisfy the desire for mass of color, yet small enough to lend themselves gracefully to flower arrangement. The color range includes the brightest shades of reds, yellow and orange, as well as the popular pastel pinks and cream. Pkt., 10c.

JERUSALEM CHERRY

A very showy house plant, loaded with ornamental "cherries" which turn to glossy scarlet when ripe. Fine for Thanksgiving and Christmas decoration. The bright cherries—which are not edible—will hang on the plant all winter; foliage always green and very ornamental.

Pkt. 10c—3 Pkts. 25c



MONKEY FLOWER

Tender, little, half-hardy perennial which does best as a house plant. Oddly shaped flowers of yellow, red, pink, and orange; all tigered and spotted. Named Monkey Flower from the resemblance of the corolla to a mask or face. Blooms the first season if seed is sown early. Very attractive plant. Will do well planted out in a moist, shady situation. Pkt. 10c—3 Pkts. 25c



MOONFLOWER

A rapid climber, reaching a height of 20 to 30 feet; foliage very dense. Every evening and on cloudy days the vines are covered with immense sweet-scented, pink and white flowers, many measuring six inches across. Pkt. 10c—3 Pkts. 25c, Postpaid

GIANT ZANZIBAR PALM MOSQUITO PLANT

Zanzibariensis

This is the wonderful plant you have been seeking to beautify your lawn. It often grows 14 feet high, the enormous leaves measure 4 feet across. It presents a pyramid of tropical looking foliage which grows big in 4 to 6 weeks. A rare, showy and interesting plant for the lawn.

Pkt. 10c—3 Pkts. 25c,
Postpaid



Note: Some folks plant this Giant at some distance from their porch or house, claiming that it draws the mosquitoes away.

JAPANESE WATER FLOWER



Superb mystic creations—imported direct from Japan. A real mystery. Blooms instantly. No earth required. Just drop marvels in glass with water. The flower and buds unfold instantly—in three seconds. As if by magic, you have a water flower. Blooms guaranteed to last for months.

Six Water Flowers of different color, and three Resurrection plants, all for 25c, Postpaid.

Exhibition Dahlia Collection

This collection includes only those varieties that produce extra large fine blooms that you can be proud to have in your garden and display in the flower shows.

DADDY KEMP (Informal Decorative)—A Roll of Honor variety and a sensation wherever shown. Immense flowers of rich purplish-red that often reach 14 inches across. 60c each; 3 for \$1.50, postpaid.

HILCREST MANDARIN (Informal Decorative)—Brilliant Oriental scarlet and golden yellow flowers, with curled petals, on heavy 4 foot stems. One of the most massive and striking Dahlias grown. A thrifty grower and free bloomer. 35c each; 3 for 90c, postpaid.

KATHLEEN NORRIS (Decorative)—One of the finest exhibition Dahlias grown. Monstrous flowers with broad overlapping petals of true rose-pink, often attaining a diameter of 10 in. Tall stiff stems, and a long keeper. Recognized as the greatest pink Dahlia in cultivation for exhibition purposes. 50c each; 3 for \$1.20, postpaid.

LORD OF AUTUMN (Informal Decorative)—Without question, one of the finest Dahlias of all times. Deep, golden yellow blooms of enormous size on strong stems. A certain prize winner in any show. 80c each; 3 for \$2.10, postpaid.

ORIENTAL GLORY (Informal Decorative)—Bright cadmium orange with scarlet overlay. Strong grower of medium height, a free bloomer, and always blooms early. Average diameter of flower 9 inches. 50c each; 3 for \$1.20, postpaid.

PAN (Decorative)—Very brilliant red. Erect grower with stiff canes that need no staking. Profuse bloomer. One of the best red Dahlias for cutting purposes. 35c each; 3 for 90c, postpaid.

WHITE WONDER (Informal Decorative)—Flowers seven to nine inches across, and three to four inches thick. Petals long and wavy. Beautiful waxy pure white. Plants three to five feet tall. The largest of the white Dahlias we offer, and highly recommended. 50c each; 3 for \$1.20, postpaid.

SPECIAL OFFER—One each of the above seven Exhibition Dahlias for only \$2.70, postpaid. Regular price \$3.60—you save 90c.



Jane Cowl

4 Popular Dahlias

BASHFUL GIATN (Decorative)—Gigantic bloom of apricot with golden shadings. One of the largest varieties ever produced, often reaching 10 to 12 inches. Where very large flowers are wanted for exhibition purposes this variety has "IT". 35c each; 3 for 90c, postpaid.

JANE COWL (Decorative)—Deep, massive bloom of bronzy-buff and old gold, shading deeper at a perfect center. Without special care it often reaches ten inches in diameter and by special care and disbudding it will grow to twelve and fourteen inches. 30c each; 3 for 75c, postpaid.

JERSEY'S BEAUTY (Decorative)—Beautiful true pink. The best pink Dahlia in existence for commercial use. The flowers are early, perfect in shape, produced in abundance, on long stems. Keeping qualities are unexcelled. 30c each; 3 for 75c, postpaid.

MARGARET WOODROW WILSON (Decorative)—A remarkable blending of creamy white and opalescent pink with a deeper pink reflex. An exceptional flower for exhibition, because of its tremendous size. 30c each; 3 for 75c, postpaid.

Dollar Dahlia Collection

This collection is made up from good, substantial standard varieties that are well known and always in demand. Don't think because of the low price they are inferior. These varieties are still shown at nearly every Dahlia Show.

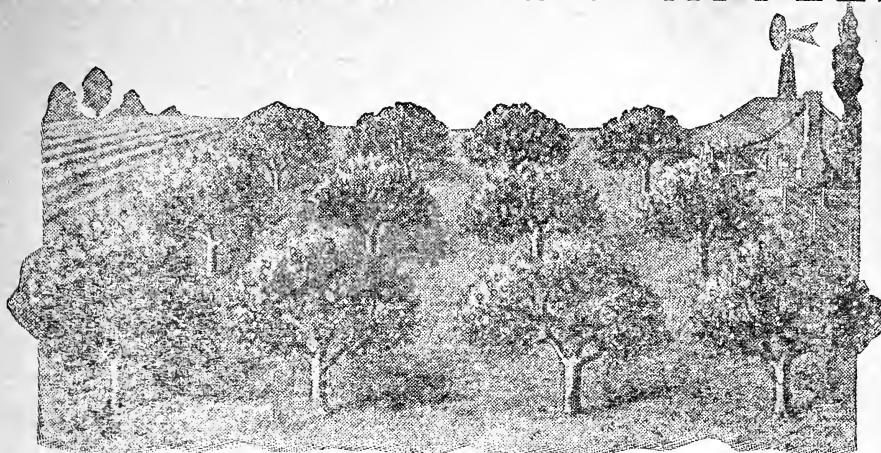
MRS. C. D. ANDERSON (Show)—Probably the largest tightly quilled Ball dahlia; an excellent keeper after cut. Very long stiff stems; exceptionally abundant bloomer; rich American-beauty red, called by some purple-crimson. Very desirable.

PURITY (Decorative)—The purest white dahlia we have seen. Beautiful, clear, waxy white. Free flowering.

SEQUOIA GIGANTEA (Decorative)—10 in. Gigantic, rich, butter-cup yellow flowers, with long stems. Strong, sturdy, vigorous grower, and a continuous bloomer.

PRICES—Your choice of the above six Dahlias at 25c each; 3 for 60c; or all six for only \$1.00, postpaid.

GROW YOUR OWN APPLES



One each for the following eight varieties for only \$1.00, postpaid.

**Red Delicious Yellow Delicious Baldwin McIntosh Snow
Northern Spy Sweet Delicious Yellow Transparent**

8 for \$1.00

These apples are known to the nursery trade as apple grafts. From selected apple trees healthy branches are cut into lengths about 6 inches long and carefully grafted to one-year-old apple tree roots. They are exactly the same as we plant in our own nursery to grow into larger trees. They should make a growth of from 2 to 4 feet the first season, and it will take just one year longer to produce an apple orchard of bearing age from our apple grafts than it will from our standard one-year-old trees. We recommend the larger trees to our customers who can afford to pay the difference in price, but if you can't afford to buy the older trees, then, by all means, add a dollar to your order for this collection and get an apple orchard started this year. They will be delivered to you at the proper planting time, all ready to set out, with complete cultural directions. These small apple trees (grafts) are sold only in collections consisting of one each of the above 8 varieties for only \$1.00 postpaid.

GROW EARLIER LARGER FLOWERS FRUITS VEGETABLES

WITH THE NEW EASY-TO-USE VITAMIN B₁

VITAMINS, which have long been used successfully in treating human ills, are now amazing the agricultural world with their astounding benefits to plant life.

Recent issues of BETTER HOMES AND GARDENS report that the use of VITAMIN B₁ has produced Tea Roses with 5 inch buds; Hyacinths on 27 inch stems with flower heads 12 inches long; Daffodils larger than salad plates on 42 inch stems; Roses transplanted in full leaf without setbacks; seedlings matured in nearly half the time they customarily required; and many other wonderful and exciting results.

ELIMINATE GUESS WORK—EASY TO USE

VITAMIN B₁ the new "Easy-to-Use" brand is especially prepared for Horticultural, Floral, and Agricultural use only. No bother, no fuss, no muss, no eyedropper, no bothersome "stock solution." Just pour a small measure-full in water and it is ready for instant use. FREE handy measure in each package. Trial package (house plant and small garden size) **25c**. Large package, makes 2000 gallons—enough for full season in average garden—postpaid..... **\$1.00**

Don't Overlook Soilless Agriculture on Page 34



Climbing American Beauty

SILVER MOON—Long creamy buds opening to gigantic saucer-shaped flowers of transparent creamy-white. Extra strong grower.

PAUL'S SCARLET—Full, double, scarlet flowers cover the entire plant in a solid vivid mass of flaming red. The petals do not fade like those of many climbing roses, but retain their bright color, and remain in bloom for from two to four weeks.

PRICES—The above seven varieties in thrifty, two-year-old, field-grown plants, by parcel post, at 65c each; 3 for \$1.80; 12 for \$5.35, prepaid.

Climbing American Beauty

A sturdy, vigorous grower, absolutely hardy, throwing strong flowering canes in one season which are covered with dark, glossy foliage that is immune to disease and insects. The Roses are 3 to 4 inches in diameter, are produced on individual stems, vivid rose-crimson in color, and with the same delicious fragrance as the old American Beauty. Two-year-old, field grown plants. 65c each, postpaid.

CLIMBING ROSES

BLUE RAMBLER (Veilchenblau)—Flowers rosy-like when opening, changing to a metallic blue. Covers a large porch in a single season; very showy.

JACOTTE—Large semi-double flowers of orange-yellow tinted copper. Very profuse bloomer. Flowers similar to hybrid teas, but borne in clusters.

THOUSAND BEAUTIES (Tausendschoen)—A climbing rose which produces on the same plant so many different colored flowers that it is impossible to describe the variations, hence the fitting name, "Thousand Beauties." Blooms profusely; double flowers in large clusters. The colors run from tender rose through the intermediate shades of bright rose and carnation, with white and yellow tints showing.

YELLOW RAMBLER (Goldfinch)—Deep yellow buds borne in large clusters, opening into cream colored flowers with yellow centers. A strong grower and a free bloomer. Fragrant.

SPANISH BEAUTY (Mrs. Gregoire Staechelin)—A new type of climbing Rose brought to this country from Spain. The long pointed buds are crimson, opening to iridescent pearl-pink splashed with carmine. Large semi-double flowers, often measuring 5 inches across, are borne on 12 to 15 inch stems. One of the earliest to bloom, free flowering and fragrant, a characteristic which is seldom found in hardy climbers. Flowers are followed by large attractive fruits. Vigorous grower; resistant to disease.

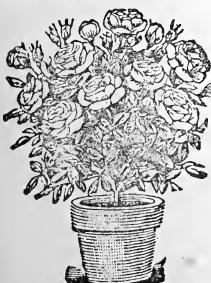
Fairy or Baby Rose

Roses from Seed the First Year

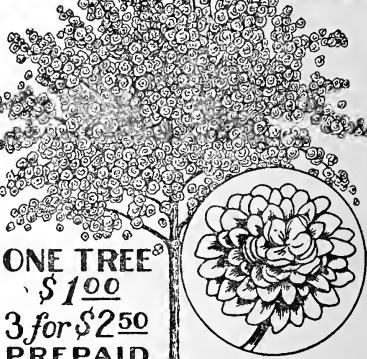
One of the most unique and novel pot flowers grown. The only genuine dwarf house Rose, blooming in four or

five months after sowing the seed — giving about equal proportions of single, semi-double and double flowers, borne in clusters and contain all the tints and colors of cultivated Roses. Plants from seed sown in February in the house may be had in bloom in June, and should bloom continuously month after month. Pkt. 15c; 2 Pkts. 25c.

PLEASE—If you get more than one of these catalogs, please pass it on to your neighbor.



ROSE TREE



ONE TREE
\$1.00
3 for \$2.50
PREPAID

THE ROSE TREE OF CHINA (Prunus Triloba) is the most beautiful and showy of all small trees. It begins to bloom before the leaves appear in the spring, being literally covered with very double rose-like pink flowers. As an ornament from early spring until late fall, it has few equals. This symmetrically formed, graceful little tree grows usually to a height of but 8 feet and is attractive as a specimen or when planted in groups of shrub border. It is hardy and easily grown, and no lawn is so small that room cannot be found for at least one of these wonderful trees. Many who have seen it declare it to be the most beautiful tree they have ever seen. The rose-like blossoms make fine cut flowers.

Hardy Everblooming Hybrid-Tea Roses

These roses are the result of crossing the tender everblooming Tea Roses with the hardy Hybrid Perpetuals or "June Roses". These roses are hardy and of vigorous growth, and should be given winter protection in the Northern States. They have the size of flower and exquisite fragrance of the "June Rose", combined with the constant blooming qualities, delicate tints and rich bright colors of the "Tea" or Monthly Blooming Roses. Our Roses are all thrifty, two-year-old, field grown plants and if set out in the spring, should have an abundance of flowers the same year.

AMI QUINARD—Deep crimson-maroon overcast with a soft blackish sheen. Semi-double, cup-shaped and distinctly fragrant.

AUTUMN—An extraordinary bud of burnt sienna; opening into a riot of golden yellow, stained crimson, with an orange scarlet center. Long stiff stems. The finest multi-colored rose.

BRIARCLIFF—A fine rose; large, long buds; large high pointed, double, very lasting flowers of a brilliant rose-pink at center, shading lighter at outer petals.

CALEDONIA—The finest white rose we have ever grown. Beautifully shaped, long buds opening to snowy-white flowers of delicious fragrance. Long stems.

COLUMBIA—A very free flowering variety with large blooms of clear Imperial Pink carried on long erect stems. Very fragrant.

CONDESSA DE SASTAGO—Golden buds striped red. The petals of the open flower are fiery copper-red inside and rich gold outside. A highly colored rose with an alluring, spicy fragrance.

DAINTY BESS—Delicate pink with a brownish-red overcast. One of the finest single roses in cultivation.

DAME EDITH HELEN—Bright pink. The most highly perfumed rose of this color.

EDITH NELLIE PERKINS—Very fine double flowers. Inside of petals salmon-pink; outside coppery-orange.

PRICES: Your choice of above 24 varieties, in thrifty field-grown 2-year-old plants, by parcel post, at 75c each; 3 for \$2; 12 for \$5.95, prepaid

EDITOR McFARLAND—The finest pink garden rose we have ever seen. Many perfectly formed, sparkling pink flowers throughout the season. Keeps well as a cut flower. Long stems, fragrant.

E. G. HILL—Dazzling scarlet that never fades. Long stems; very fragrant.

ETOILE DE HOLLANDE—Magnificent, brilliant red flowers. Very fragrant and free flowering.

GOLDEN DAWN—Buds yellow, suffused cerise. The large flowers are lemon yellow when open. Richly scented.

GOLDEN RAPTURE—A splendid new rose with pure yellow buds opening to large double flowers. They hold their color well and are excellent for cutting.

GRUSS AN TEPLITZ—This is one of the most useful of all roses for the lawn, succeeding under the most ordinary conditions. Grows freely to a height of 4 or 5 feet; hardy in all sections; vivid, dazzling, fiery crimson; sweetly fragrant; and is in bloom all the time.

LOS ANGELES—Bright pink tinged with red and shading to rich yellow at the base.

MARGARET McCREDY—Brilliant Oriental red, changing with age to orange-scarlet. Seldom out of bloom.

MME. BUTTERFLY—Pink, white, apricot and gold; very beautiful.

MRS. G. A. VAN ROSSEM—Deep apricot orange over a ground of golden yellow.



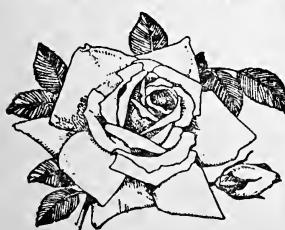
MRS. PIERRE S. DUPONT—Winner of more Gold Medals for outdoor blooms than any other rose ever grown. Long pointed buds of rich yellow gold that hold their color to the end. A continuous bloomer, and, we believe, the finest clear yellow rose ever introduced.

RED RADIANCE—Deep rose-red, globular blooms. One of the hardest roses in its class. Profuse bloomer and fragrant.

SISTER THERESE—Long pointed buds of chrome-yellow splashed carmine. The open flowers are rich golden yellow, holding the color well. Sweetly fragrant and produced freely on long stems. Hardier than most yellows.

SOUVENIR DE CLAUDIOUS PERNET—A real yellow rose. Very popular.

TALISMAN—Brilliant orange-red buds open to high pointed blooms of golden yellow stained with copper and orange. One of the most popular roses ever offered.

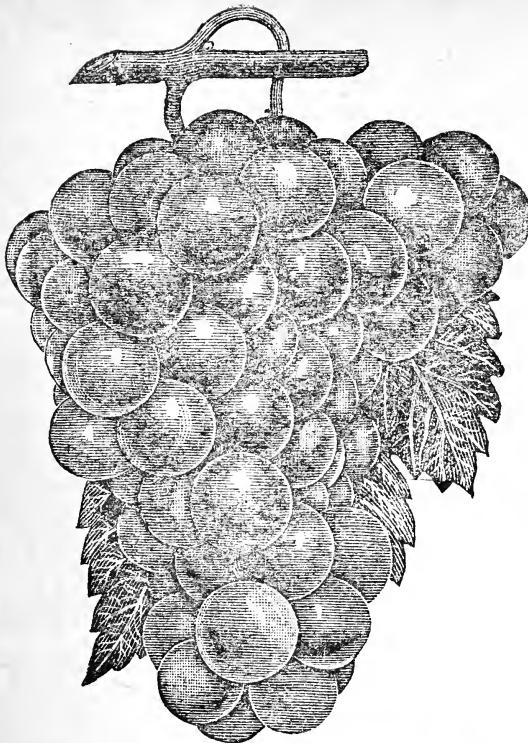


Sweetheart Rose Baby Doll

A perfect miniature of the larger Hybrid Tea group. For dainty bouquets and corsages they cannot be excelled. The perfectly formed buds are exact counterparts of the larger florists varieties. The double blooms are yellow, blended with shades of pink and tipped with scarlet. 2-year-old field-grown plants, 75c each, postpaid.

GRAPE VINES

35c Each — 3 for \$1



CATAWBA — Purplish red, bunch large, berries of medium size; rich vinous flavor, of best quality for table and wine. Late, ripens here the last of September. The best keeper, lasting until March or later.

CONCORD — Being the standard commercial blue Grape of the Northern States, Concord requires no description. The fruit is large, blue-black and of very fine quality. Healthy, vigorous and very productive. A fine table Grape, but grown primarily for juice and jellies.

DELAWARE — Is a small red Grape. No American Grape has more delicate flavor or more pleasing aroma. Ripens with Concord. Brings from 50 to 100 per cent more on the market than other varieties. Hardy; vigorous; succeeds both North and South.

MOORE'S EARLY — Similar but larger than Concord and ripens 2 or 3 weeks earlier, the last fruits of it being sent to market before those of the Concord are picked. Vines hardy, vigorous and moderately productive.

NIAGARA — The leading white Grape throughout the country. Ranks with Concord in vigor and productiveness and ripens at the same time. Bunch and berry large and handsome. Tender, sweet, juicy and excellent flavor.

WORDEN — Larger berries and bunches than Concord, sweeter, better quality and ripens a week earlier. Fine for the local market and the home garden, but not a good shipper on account of its thin skin.

PRICES

Your choice of above varieties of Grape Vines at
35c each; 3 for \$1.00; 12 for \$3.25
Postpaid

Beautiful Lemon Lilies

The brush cannot paint or the pen portray the exquisite purity and delicacy, yet magnificent grandeur of the stately Lily. No other flower will so adorn our homes when in bloom, and improve year after year with practically no care or attention. The beautiful Golden or Lemon Lilies are the hardiest of all Lilies and will grow anywhere and produce masses of large beautiful blossoms. As each plant sends up many flower spikes each season, the effect is truly wonderful. It is a color that all will exclaim over, and the flower has a most delightful fragrance. One of the finest hardy garden flowers. Will thrive in all climates, in all kinds of soil, and in any location—wet or dry, and in the hottest sun or most dense shade. Very showy flowers for the lawn and unsurpassed for table decorations and bouquets.

35c each; 3 for 80c, postpaid.

Bargains in Small Shrubs, Vines and Trees

To meet the present day demand for bargains we offer the following list of one year old plants. All are field grown and while they vary in size, most of them will run from 12 to 18 inches.

SHRUBS

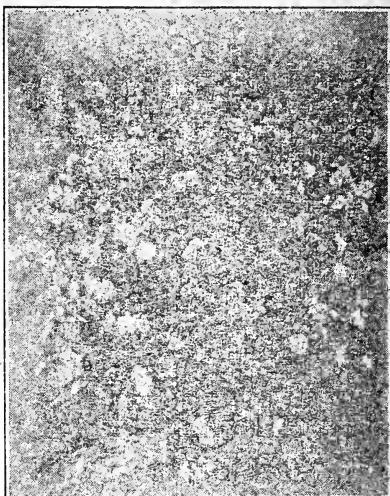
Althea, Red
Althea, Pink
Althea, Lavender
Althea, White
Bush Bittersweet
Coralberry
Dogwood, Red Branched
Dogwood, Golden Branched
Firebush (*Cydonia*)
Deutzia, Pride of Rochester
Forsythia, Spectabilis
Forsythia, Weeping
Holly, American
Honeysuckle, Tartarian Bush
Lilac, Purple
Philadelphia, Coronarius
Rose Acacia
Snowberry
Spice Bush (*Calycanthus*)
Spirea, Bridal Wreath
Spirea, Red
Sweat Pea Shrub
Tamarix, Africana
Tamarix, Hispida
Weigela, Hendersoni
Weigela, Variegated
Willow, Pussy

VINES

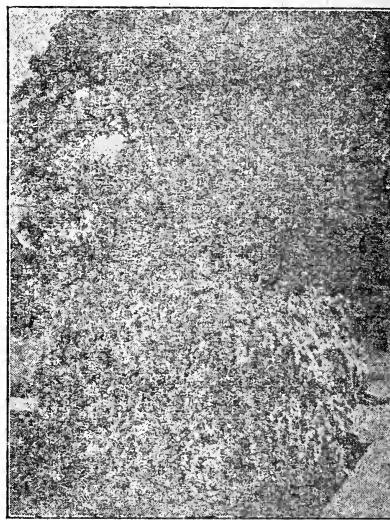
Boston Ivy
Celastrus (Bittersweet)
Clematis, Virginiana
Dutchman's Pipe
Honeysuckle, Hall's Japanese
Trumpet Vine

TREES

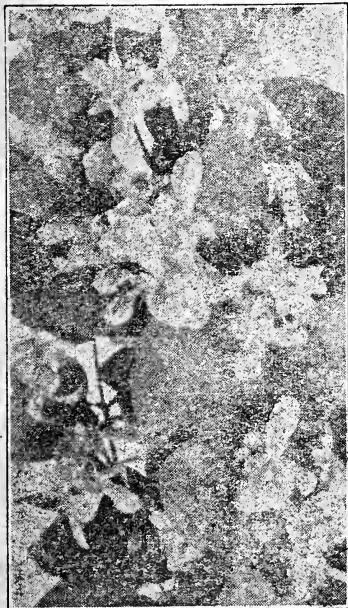
Ailanthus
Beech, American
Birch, European
Dogwood, White Flowered
Elm, Chinese
Horse Chestnut
Magnolia
Maple, Silver
Maple, Sugar
Mountain Ash
Mulberry, Russian
Persimmon, American
Poplar, Lombardy
Red Bud
Tulip Tree
Walnut, Black
Walnut, White (Butternut)
Willow, Golden Weeping
Willow, Wisconsin Weeping



Althea (Rose of Sharon)



Spirea Bridal Wreath



Tartarian Bush Honeysuckle

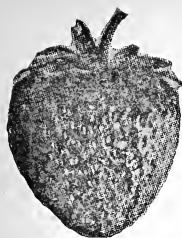
These
Prices
Are
Made
To
Meet
All
Competition

PRICES

Your choice of the small shrubs, trees and vines offered on this page, at

3 for 58c; 8 for \$1.00,
Postpaid

See Our Special Prices on Dahlias
on Page 24.



STRAWBERRIES FOR EVERY HOME

MASTODON

The Mastodon is without doubt the biggest and best strawberry that we have ever seen, and would be a prize even if only a Spring bearer, and when you add that it is a true everbearer, it sure is a world beater. The fruit is a big, dark red, solid, highly flavored, and is a perfect shipping berry. It is claimed that the berries are of such a mammoth size it requires only 9 berries to a layer, 18 berries to a quart.

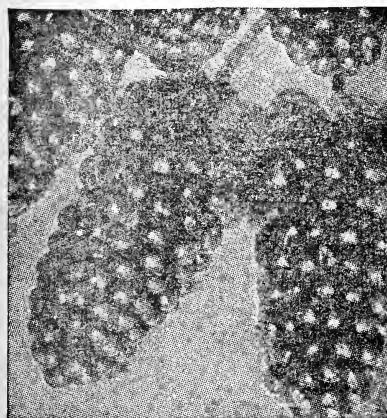
Variety	25	50	100	250
Mastodon.....	\$0.80	\$1.40	\$2.50	\$5.00
Gem Everbearing.....				
Dorsett.....	.65	1.15	1.75	3.50
Fairfax.....				
Blakemore.....				
Premier.....				
Catskill.....	.60	1.10	1.70	3.25
Aroma.....				
Sen. Dunlap.....				

REMEMBER, THESE ARE DELIVERED PRICES. Many strawberry growers quote lower prices but you pay the postage or express charges with the result that you often pay more than you anticipated.

FAIRFAX and DORSETT are two new strawberries introduced and developed by the U. S. Department of Agriculture. The varieties are very productive and have large fine berries. They start bearing very early in the spring and the fruit is of rich flavor and fine quality.

These inspected, disease-free, northern grown plants are especially suited either for the Northern or Southern states.

THE MAMMOTH WONDERBERRY



A large Dewberry that produces unusually large fruit. The plants we send are extra large with strong canes and heavy roots. We know of no other berry fruit that attains the size of this berry, which often is $1\frac{1}{2}$ inches in length, and sometimes 2 inches in circumference. Excellent for eating fresh and has no equal for canning or pies. Very hardy and of rapid growth. The vines will grow from 5 to 8 feet in a season. It can be left to run on the ground, but for better fruit and ease of picking it should be trellised. It grows larger and stronger each year and will show remarkable results if fertilized. In the spring, the vines are loaded with large white blossoms that show beautifully against the dark green foliage. The fruit ripens in July and any surplus you wish to sell will bring a big price on the market. We will send you strong, well-rooted plants and we guarantee them to reach you in good condition.

6 for 70c—12 for \$1.25—25 for \$2.25,
Prepaid

TREE STRAWBERRY

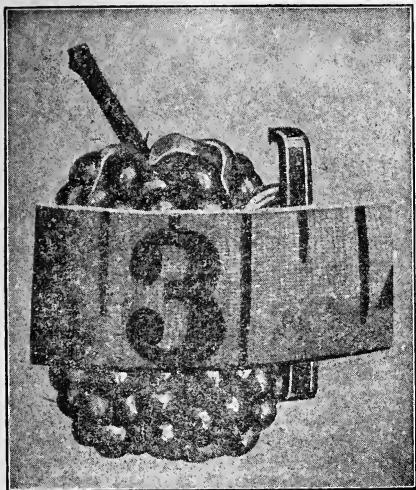


The Tree Strawberry, or Strawberry-Raspberry, as it is sometimes called, is one of the largest and most beautiful of all berries.

A new plant in habit and growth and form of fruit. It puts up numerous strong, branching shoots about 2 feet high, wonderfully beautiful, both foliage and blossom. Bears beautiful, large, ruby red fruit, the bright red berries showing a striking contrast to the large white blossoms. This bush, with its glossy green leaves, makes a very ornamental plant. The canes shoot up in the spring, blossoming and bearing in early summer. They endure cold climate, getting larger and better every year, giving many extra plants. Order now, as the stock is limited.

3 for 60c—8 for \$1.25—12 for \$1.75—25 for \$3.25,
Prepaid

BIG MONEY-MAKER



LUCRETIA DEWBERRY

Lucretia Dewberries are bringing big money. They ripen a week or ten days ahead of common blackberries, the bulk of the crop harvested before other blackberries start to ripen, so sell at very high prices.

The Dewberry belongs to the blackberry family, and the Lucretia is the best of them all. The large berries are incomparably better than any blackberry grown; of unequalled excellence; sweet and luscious throughout, and of glossy black color. They are very productive, and most profitable of all fruit crops to grow. The Lucretia has received the highest endorsement and highest praise from the best horticulturists in the country. Its trailing habit renders it less liable to winter-kill. Propagates from the tips, like black raspberries; does not spread or sucker.

6 for 70c—12 for \$1.25—25 for \$2.25
50 for \$4.00—100 for \$7.00, Prepaid

GOLDEN QUEEN RASPBERRY (Yellow)

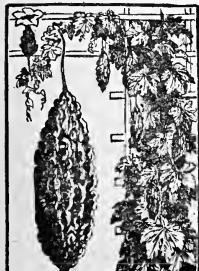
A beautiful, large, golden yellow raspberry. Many prefer this variety to any of the red or black sorts, owing to its sugary sweetness and unsurpassed flavor. Should be in every garden, its beauty and high quality placing it at the head for table use. The canes are hardy, of strongest growth, and very productive.

3 for 75c—12 for \$2.25—25 for \$4.00, Prepaid

BALSAM PEAR Ornamental Vine with Edible Fruits

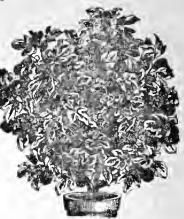
A very ornamental and curious climbing vine, with glossy green foliage. Pear-shaped ornamental fruits known to Chinese as La-Kwa, and used extensively in China as a food for human consumption. Usually prepared for the table by boiling the fruits before they are ripe. Give it a trial, both as an ornament and as an addition to your list of edible fruits.

Pkt. 10c—3 Pkts. 25c



GROW FIGS IN THE NORTH

Our Dwarf Fig is particularly adapted to pot culture. As a pot or tub plant, it is extremely valuable either indoors or outdoors, and is an abundant bearer of the most delicious fruit. It will winter safely in an ordinary cellar, or it can be allowed to harden off with a few fall frosts and then be brought indoors for growing during the winter. Our Dwarf Fig is a variety which fruits on the young wood, that is, wood of the current year's growth, which makes it a most desirable variety where the tops are likely to be frozen back, for if the top is frozen, it can be cut to the ground, and when it begins growing it will produce fruit on the new wood. It is for pot or tub culture that we particularly recommend this Fig, but when grown in the open ground it will develop a crop of fruit farther north than is true of other varieties. Plants bear the first year they are set and abundantly each year thereafter. The fruit is very sweet and delicious; of good size; with flesh that is firm and meaty, and of very fine quality for making preserves, jams, canning, drying, or to eat in the fresh state.



Dwarf Fig Fruits Reduced in Size

Choice Plants, 90c each—3 for \$2.50, Prepaid

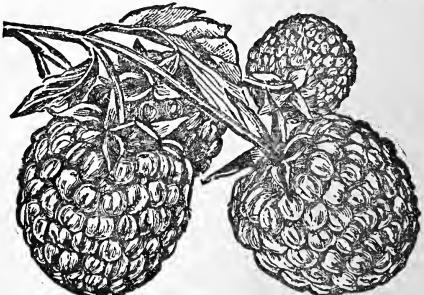
ICEBERG, OR WHITE BLACKBERRY

It is not merely a curiosity, for in addition to being a real novelty, it is a berry of extraordinary quality. These shining cream-white berries, when mixed with jet-black ones, make a most attractive dish. The bushes are good strong growers and very productive. For best results this variety should be planted near other blackberries.

3 for 60c—12 for \$1.75, Prepaid

LATHAM RASPBERRY A Big Money-Maker

The Latham is conceded to be the best late red raspberry. It has more points of merit and has come into general planting more rapidly than any other raspberry ever introduced. It is vigorous in growth; withstands the winters in Canada without covering; and is exceptionally free from mosaic and other diseases. The large berries, some running over an inch in diameter, and the deep red color make it most attractive,

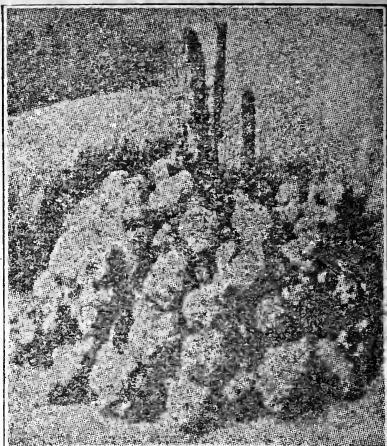


and it is the most productive variety grown. Growers are beginning to realize that no other late red raspberry will make them so much money, so surely and quickly, as the Latham. One nine-acre field of Latham in Minnesota produced an average of \$1,000 per acre each year for five years, and similar reports are coming from all sections of the country.

**6 for 70c—12 for \$1.25—25 for \$2.25—
50 for \$4.00—100 for \$7.00,
Delivered Prepaid**

GIRASOL —THE LAZY MAN'S SPUD

If someone were to discover a plant "Sport" or if some plant breeder could cross sunflowers or corn with potatoes to get a plant, the tops of which would make silage and, at the same time, produce valuable tubers that would outyield potatoes two or three to one, under similar soil and moisture conditions, we would hail the result as a wonderful discovery. Girasol will do all this and more and yet, it is not NEW for it has been raised in Europe for centuries under another name. France alone produced 1,686,030 long tons in 1928 so our Consul at Paris writes. We call this crop Girasol because the name under which it sometimes passes is the same as another vegetable entirely different which is confusing. The scientific name is *Helianthus Tuberosus*; it is related to both artichokes and sunflowers; it is a native of America, not Jerusalem or elsewhere. Girasol tubers will outyield potatoes two or three to one under similar conditions. Yields of 10 to 20 tons per acre are common. Girasol tops are about a third or half the diameter of sunflower stalks but usually two or three feet taller and yield 10 to 22 tons silage per acre. Girasol is not injured by freezing. The whole or a part of the crop of tubers may be harvested in the Fall or the Spring following. Girasol is propagated by tubers only, not from roots and joints like quack grass and thistles so it cannot become a serious pest if followed with pasture, hay meadow or good cultivated crops.



A Single Hill of "Girasol"

WONDERFUL HOG FOOD

All stock and poultry like Girasol tubers, but perhaps the most profitable use would be as hog feed, the hogs doing their own harvesting with no expense. Trials along this line have yielded 744 pounds pork gain per acre; this might be considered NET PROFIT. The silage crop would be more than enough to cover cost of seed, land rental and cultivation expenses. Adding gain to balance, the ration would of course help. Every farm should have from one-fourth to one acre of Girasol so that they could turn the hogs on it in the fall. It is a big money-maker for hogs.

Girasol may be eaten raw or cooked, but the inulin in Girasol that replaces starch in most other vegetables need not be cooked to bring out its food value. This crop will grow on most any kind of soil but the richer the better of course, but it will do better on poor soil than most any other crop. Single tubers often weigh more than a pound but the average is smaller and more irregular shape than potatoes. Small tubers, or large ones cut small, do not seem to decrease the crop as is the case with potatoes. Choice seed tubers **3 for 40c—6 for 60c—12 for \$1.00—25 for \$1.75—50 for \$3.25—100 for \$6.00, Delivered to you Prepaid.**

SMITH SPRAYERS



Sprayer, fully equipped.



ABOVE—

Blizzard Copper Tank Brass Pump Continuous Sprayer, for all purposes. A fine sprayer.

**12P—Pint Size, prepaid \$2.25
14Q—Quart Size, prepaid 2.50**

AT RIGHT—

3 1/2 Gallon Open Top Compressed Air For all kinds of spraying purposes.

**24GO—3 1/2 gal. Galvanized Tank complete, prepaid \$6.50
24CO—3 1/2 gal. Copper Tank complete, prepaid 9.25**

AT LEFT—

Same Sprayer as above, but with funnel top instead of open top.

**24GF—3 1/2 gal. Galvanized Tank complete, prepaid \$4.25
24OF—3 1/2 gal. Copper Tank complete, prepaid 8.00**

THE DASHEEN » » Is the Potato's Only Rival

A delicious vegetable. The large tuberous roots of which are used like potatoes, the blanched stems like asparagus, and the foliage used for greens.

The Tubers sometimes reach a weight of more than 6 pounds each. One hill often produces 6 pounds or more of tubers, and in rare instances 20 to 26 pounds of Dasheens have been taken from a single hill.

The Dasheen can be used in almost any way that Irish Potatoes or Sweet Potatoes can be used. They are excellent when baked, boiled, fried, creamed, stuffed, meat-filled or scalloped, and for Saratoga Dasheen chips and fritters they are delicious.

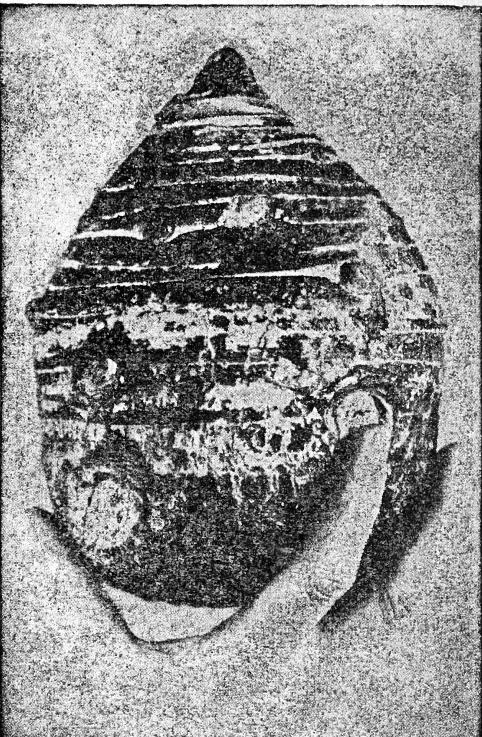
In growing Dasheens, there seems to be no disease or insect enemy to contend with. No dreaded bugs to be poisoned; no rot, scab, blight, mildew, or other trouble.

The "Country Gentleman" published the following regarding it:

"Not only does the Dasheen promise well as a market crop once the enemy generally has recognized its merits, but in the meantime, it is capable of furnishing food for home consumption. Its food value is higher than the potato, and about 50 per cent more protein and 50 per cent more starch. The flavor of the Dasheen is decidedly richer and more tempting than that of the potato.

Land that is too wet for ordinary crops can be used to advantage in growing Dasheens. They can be grown on lands that are subject to short overflows that would ruin most other crops, thus making more land available for food crops that is now considered worthless.

Choice Seed Tuber: 3 for 40c—6 for 75c—12 for \$1.25—
25 for \$2.00—50 for \$3.75—100 for \$7.00, Delivered to you
Prepaid



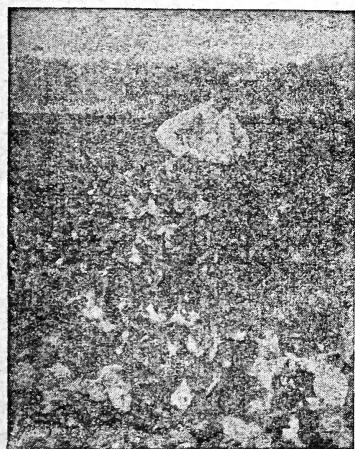
A 5-Pound Dasheen Tuber

KUDZU » » The Great Forage Crop

KUDZU is a wonderful perennial legume. It outyields alfalfa on poor land; succeeds on land too poor for alfalfa; and does not have to be fertilized or limed. While it is perfectly hardy in the Northern States, the South is where it thrives to perfection, and it is there that it is a most profitable crop. It is adapted to every class of well-drained soils, and will succeed on practically any land not water-soaked and not a desert. It enriches poor soil more rapidly and more permanently than it can be improved in any other way, and will transform nonproductive, barren hillsides into a main resource of the farm. KUDZU contains more protein than wheat bran—as high as 19.82 per cent and averaging 17.43 per cent. A remarkable feature is that although the hay is richer than alfalfa, yet it is not injurious to horses and perfectly safe for all stock, when fed either green or dry. Does not cause sickness of animals even when overfed; when fed to cows, it will produce more milk and richer milk than any other one feed; and makes a good, permanent pasture.

KUDZU can be harvested when weather conditions are unfavorable for other hays, and will yield a fine quality of hay, often when continued showers and dampness would mean ruin to any other legume hay. It cures the quickest of any known hay, and the leaves do not drop off. Instances are known where four cuttings of hay, averaging 2½ tons per cutting and making a total yield of 10 tons per acre in a single season, have been made.

KUDZU should be given cultivation the first season. A full crop of corn or a good crop of potatoes, or any other similar crop, may be raised on the same land the first year, so the farmer does not lose the use of the land. After the first year, no cultivation is needed, as the plants will cover the ground the next season and take root at the joints, growing so rapidly as to choke out all other plants (even such pests as Johnson and Bermuda grasses) yet it is an easy matter to get rid of Kudzu if desired, for it has a peculiar habit of neither blooming nor bearing seed under field culture, and the plants will only sprout from the crowns and can be killed by cutting off these crowns with a disc plow in hot, dry weather. When the crowns of Kudzu roots are cut off and exposed to sunshine for half a day or so, they are killed, and the roots decay. Another method to eradicate Kudzu, in case one desires to put a field back to intertilled crops, is to plow late in the fall and plant the following spring to corn, beans, potatoes, or any other crop that can be given careful cultivation. Pkt. 15c—2 Pkts. 25c—10 Pkts. \$1.00



One farmer who has given Kudzu a good trial says: "In my 35 years' experience in farming in different states, I have never seen a hay that has cured so quickly, held its leaves so well, or kept its color so perfectly under various conditions as Kudzu does. It does not require lime, as is the case with alfalfa and some other legumes. It does not require a rich soil; fertilizing is not only unnecessary, but unprofitable."

SOILLESS AGRICULTURE

GROW Vegetables and Flowers without Soil **RIGHT NOW - INDOORS!**

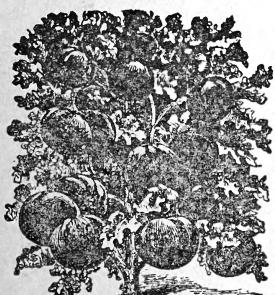


Plants require sunlight, air, water and soil. The plant does not take the soil directly into the plant system, but takes from the soil the chemicals required for it in its growth and in the production of its fruit. For many years, chemists have been experimenting to find out just what chemicals are required, and now have succeeded in perfecting chemicals that will supply all the plant food necessary simply by putting a small amount in the water in which the plant is growing. This method is especially adaptable for tomatoes, radishes, cucumbers, lettuce, and other vegetables, as well as many flowers from seed. Also, gladiolus, tuberous begonias, cannae, lillies, and other bulbs. Perhaps the greatest advantage of soilless agriculture lies in the improving of the quality of many food products, of mineralizing the foods, of adding to the color and perfume of the flowers, and gives a splendid opportunity for perfecting new plants such as seedless tomatoes and hybrids.

GET THIS BOOK

Full information in regard to this subject with practical instructions on successful growth, and formulas for growing plants without soil, profusely illustrated, for 50c postpaid.

NEW TREE TOMATO



A wonderful variety that grows upright better than any we have ever seen. Tomato firm, solid, thick flesh, large meaty centers. Fruit is purplish pink. Form always round and symmetrical and of medium size. Very productive. When tomatoes grow heavy limbs will break unless supported.

Pkt. 15c. 2 Pkts. 25c. Postpaid

SOILLESS AGRICULTURE CHEMICALS

A supply of chemicals suitable for mineralizing more than 30 gallons of water, together with paper tester so that at any time you can test the water to see if it has sufficient chemical food for the plants, will be sent postpaid for 75c.

COMBINATION

When taken together, we will sell the book and the chemical for even \$1.00, postpaid.

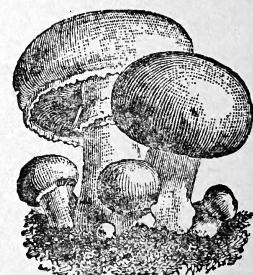
The plants may be started in water and a spoonful of the chemical added from time to time as the chemical contents of the water is absorbed by the plant.

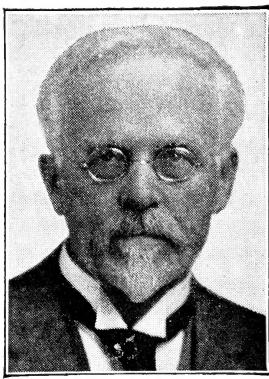
This is an interesting experiment which you can try right now in the winter or spring.

MUSHROOM SPAWN

We are this year, for the third time, offering the famous New Process Pure Culture Spawn. It has numerous points of superiority over the old manure spawn process. By this new method chopped tobacco stems are used as a base. These stems are mixed with a special humus, sterilized, and inoculated the same as a manure spawn. This medium contains more desirable food elements for the growth of spawn, is more vigorous, more resistant to insects than other types of spawn. It is without doubt the most dependable spawn produced.

Plain instructions for growing Mushrooms by the latest and most successful method will be given with each order. Each package of our spawn will plant 12½ square feet of bed. Package, 60c; 3 packages, \$1.50; 12 packages, \$5.00, postpaid.





DR. N. E. HANSEN
Who has been improving these
Bush Cherries for nearly
40 years.

American Bush Cherries

The New, Quick-Bearing Cherry—So Easy to Grow, So Sure to Produce

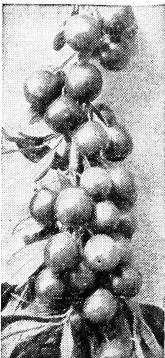
HIGHLY PRODUCTIVE—GOOD FLAVOR—HARDY EVERYWHERE

American Bush Cherries are the result of nearly 40 years of untiring selection work by the great plant wizard, Prof. N. E. Hansen of South Dakota State College

This new fruit is a new development in fruit culture that is gradually changing the method of cherry fruit production throughout the northwest, because of the immense amount of choice quality fruit that can be produced on such small trees on such a very small area of ground.

The fruit which is of large size, good flavor and quality to eat fresh also makes the most wonderful rich flavored, dark purple-red jam of high flavor. The juice makes splendid jelly as well as a not to be forgotten cordial that won't keep long.

Though the fruit of this new cherry much resembles a plum in size and shape, it comes massed in clusters and at times almost completely covers the limbs. The tree itself grows in a sort of dwarf bush-like shape rarely getting over four or five feet tall, branching and bearing from the ground up, usually bearing the year after



Will stand 30 degrees below zero.

planting, though often even the year they are set out and annually thereafter. This dwarf stature is of fine value for planting in the garden as it does not take up near the room of an ordinary cherry tree, yet often bears more. They should be planted two to four feet apart in rows four to six feet apart, twelve to twenty-five or more in every home garden.

In landscape planting, these Bush Cherries are also desirable as they are of striking ornamental value and their dwarf bushy nature is of great aid in foundation planting work, or they may be planted close enough together for a low fruiting hedge on the lawn or in the garden. The foliage which is a beautiful silvery green, turns to a rich red and gold color in fall and adds a very desirable touch to any landscape planting. The profuse masses of large fragrant white flowers in the spring, which completely cover the branches, are a glorious sight.

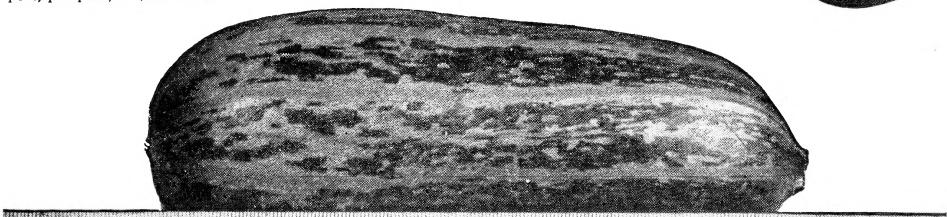
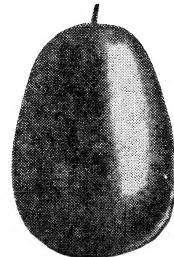
Plant These American Bush Cherries Because:

- 1—They are so easy to grow and are perfectly hardy everywhere.
- 2—Are good to eat fresh, and make delicious preserves.
- 3—Bear from the ground up, early, heavy, and annually.
- 4—Are dwarf growing, bushy and take up little room.
- 5—Excellent for hedges and ornamental shrubs.

HARDY CHINESE DATE

The Chinese Date (Jujube or Zizyphus) is a fruit from the high interior of China, which, we are sure, will prove to be one of the most valuable for our country. It is adapted to a wide range of territory and all kinds of soil. It is quite hardy, the United States Department of Agriculture bulletins reporting that it has withstood temperatures of 22 degrees below zero without injury.

The tree is a heavy and constant bearer and commences to bear at an early age, four-year-old trees having produced 150 pounds of fruit. It blooms very late in the spring, avoiding all danger from spring frosts. The fruit is one to two inches long, and chocolate colored. It is delicious when eaten fresh or cured like dates, and is excellent for preserves and jam. Cooked in a sugar syrup and allowed to dry, it becomes a most tasty and palatable confection which we believe will eventually rival the date as a commercial product. Because of its productiveness and its highly nutritious and delicious fruit, capable of being used in many ways, it is sure to be a valuable addition to the orchards and gardens. Every home should have one or more trees. It likes a clean back yard where it is not cultivated, but will grow anywhere. We have but a limited supply of these trees and, as long as they last, will deliver them by parcel post, postpaid, at \$1.25 each.



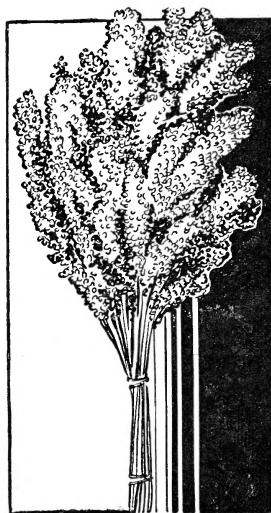
Cocozelle, Italian Vegetable Marrow or Summer Asparagus

COCOZELLE (Italian Marrow or Summer Asparagus) is one of the most delicious additions to the Squash family. For pliancy of flavor, tenderness and general palatability it has few equals. This plant does not make a vine, but grows in the form of a compact bush, and 5 or 6 hills is sufficient for a large family. The oblong green fruits should be picked when not more than 4 to 6 inches long. If the fruits are allowed to grow larger they lose their delicacy of flavor, and when one fruit is allowed to mature, it checks the formation of any more fruit on the plant. The fruits form and grow rapidly and may be picked almost everyday until frost. If planted early, it will fruit from the latter part of June until October. Can be cooked like Asparagus or Squash, and most excellent when prepared like French fried potatoes.

Pkt. 10c—3 Pkts. 25c, Postpaid

PROSO—THE WONDER EGG AND MEAT PRODUCING GRAIN for POULTRY

Here is a new Poultry Grain which owes its origin to Russia, that enables you to raise your own feed. If you only have a small plot of ground, you can raise an enormous crop. Proso is unlike anything you have ever seen in this country. It grows more rapidly and matures quicker than other grains. It reaches a height of three to four feet, stools and branches, making fifteen to twenty-five heads instead of one. That is why it yields such enormous crops from such unbelievably small plots of ground. The Sarasota County Tribune, May 5, 1931, of Sarasota, Florida, says: "Our test plots of Proso have drawn visitors from many miles around."



Fowls Prefer It to Other Feeds

Prof. Hansen says of Proso: "When it is hulled and cooked for the table, the Russians call it Kasha, and it is used extensively in European Russia, Siberia, Turkestan, Mongolia, and other parts of Asia. This is specially valuable grain. For feeding stock, poultry, etc., it is equal to, or better than wheat."

It is also used in those countries for flour and making into bread. In Russia, one buys Proso bread just as you buy wheat bread here. It is extremely palatable, and fowls prefer it to any other grain. In our experimental plant, the fowls leave all other grains once they have tasted Proso. Try it yourself. Put a handful of Proso in your mash feeder and watch how the birds do not touch the mash so long as any Proso remains.

Wonder Egg and Meat Producer for Chickens, Ducks and Geese

Proso makes a splendid mash when ground alone. When feeding with corn or oats the ratio should be four parts Proso to one part other grain. It may be fed in bundles as the kernels are readily scratched out of the heads, or it may be fed as clean grain from the thresher. Produces more eggs and meat per bushel than ordinary grains.

Fine for Hogs, Cattle and Sheep

Grows Anywhere—May Be Planted Late

Although a native of Russia, Proso does better, grows faster and matures quicker in our climate. During the fifteen years since it was first introduced in this country it has become acclimated so that it now grows here just as well as our native crops. It may be planted any time after corn planting time up to the middle of July.

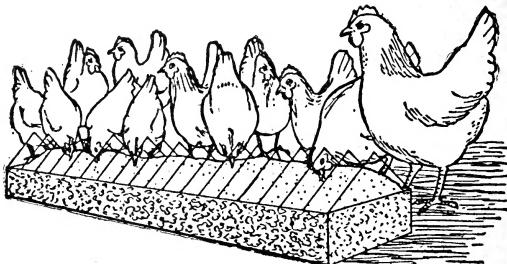
Proso may be planted in high, dry soil that is not suitable for other grains. It is especially valuable as a summer "catch crop"—something that may be planted on land which has had an early crop removed, or ground that has been drowned out and not in shape to work until late in the season.

BUY PROSO SEED AT THESE SPECIAL LOW PRICES

There has never been enough Proso produced in this country for commercial use. We have plenty of seed for our customers who wish to get a start of Proso, but we urge that you get your order in at once so you can be sure of securing your supply.

7 oz. Package prepaid anywhere in U. S.	\$0.45
2-1/2 Pounds	1.20
5 Pounds (one acre sowed in drills)	2.00
12-1/2 Pounds (one acre sowed broadcast) ..	4.00
25 Pounds	7.00

Delivered Prepaid to All Points Between
Denver Colo., and Pittsburgh, Pa.
East of Pittsburgh and West of Denver
Add 3¢ per lb.



**INCREASE EGG PRODUCTION
GREAT FOR SCRATCH FEED
GROWS ANYWHERE**

**HEAVY MEAT PRODUCER
EASY TO THRESH
MAY BE PLANTED LATE**

Write for Special Prices in 100 Pound Lots.